

FIG. 1

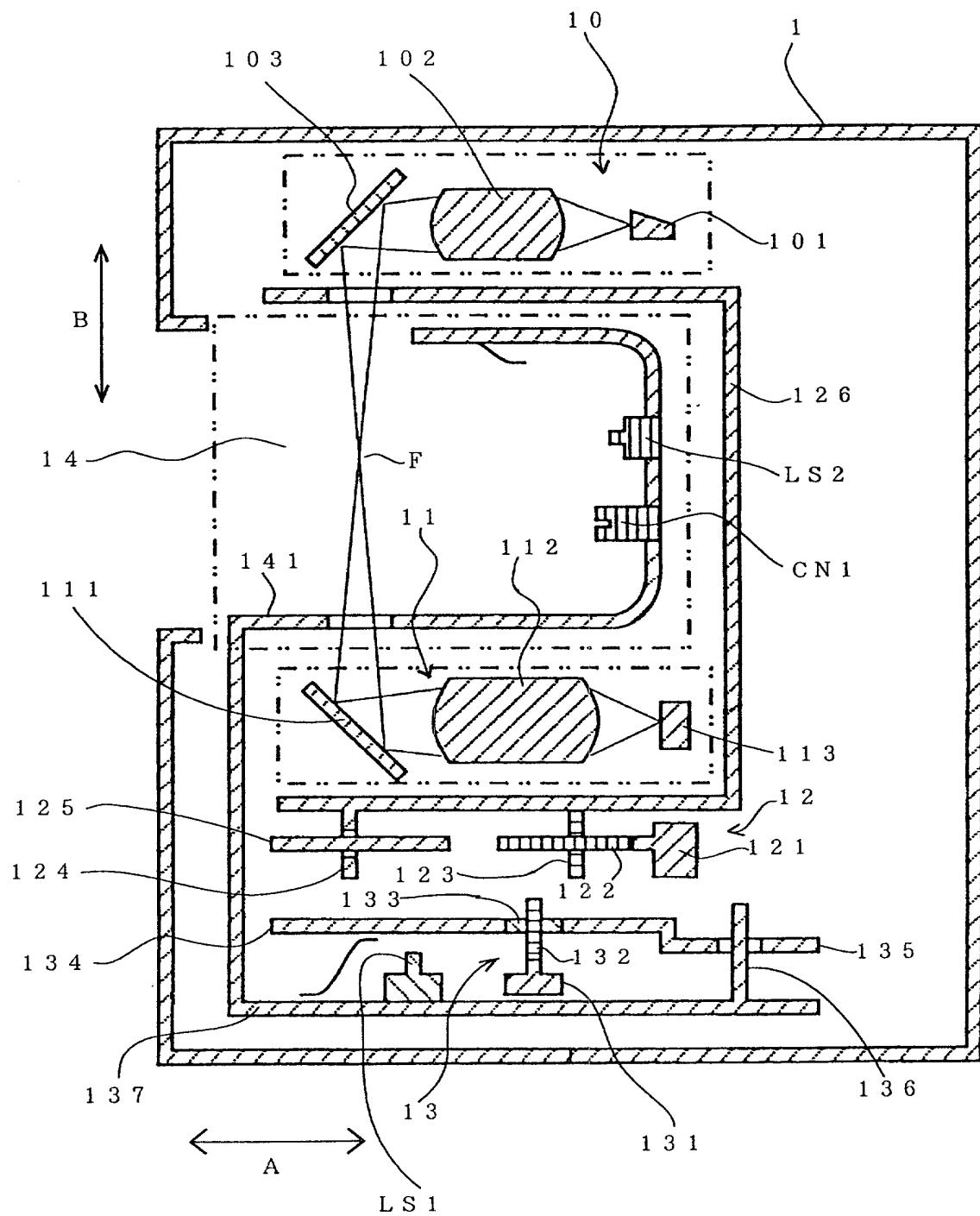


FIG. 2

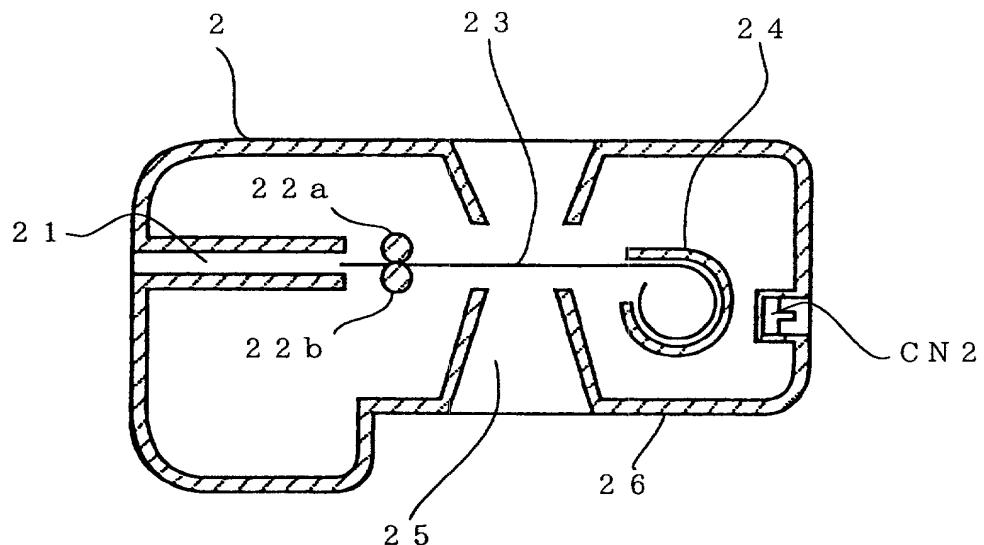


FIG. 3

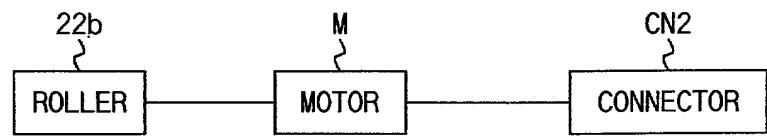


FIG. 4

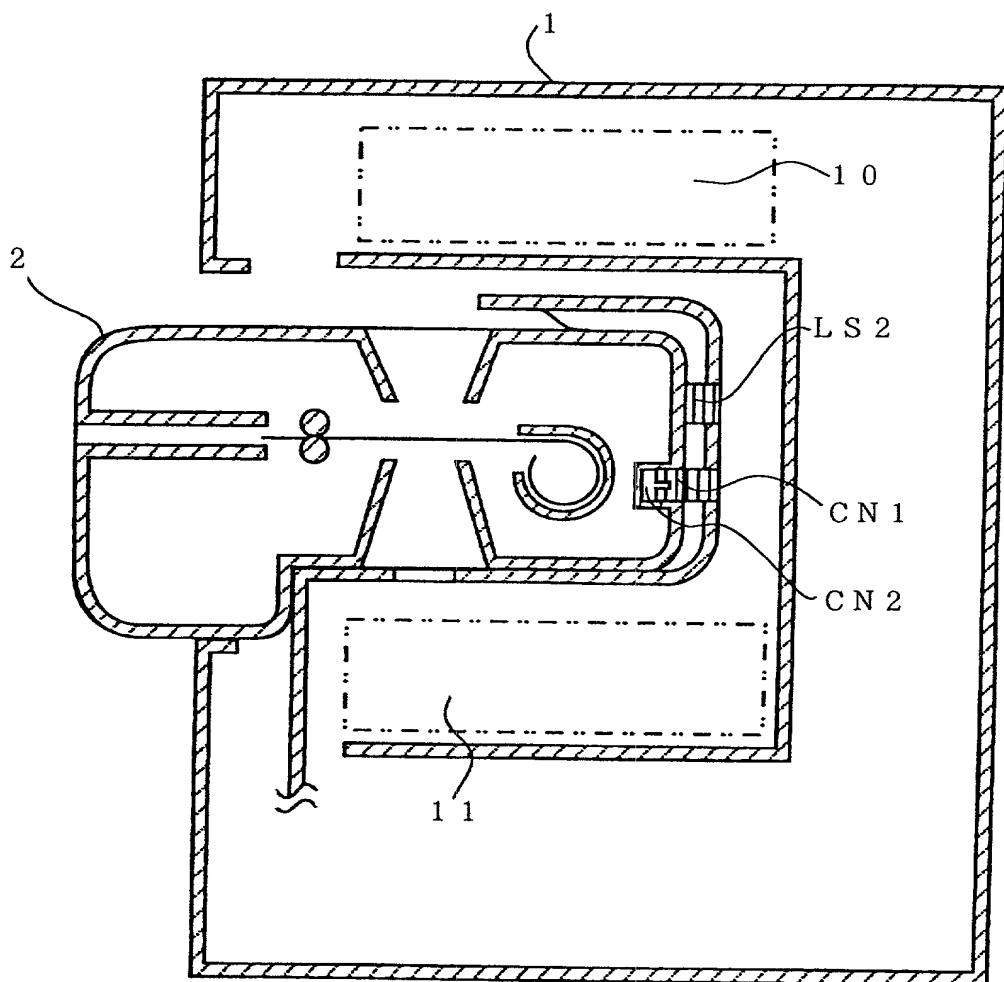


FIG. 5

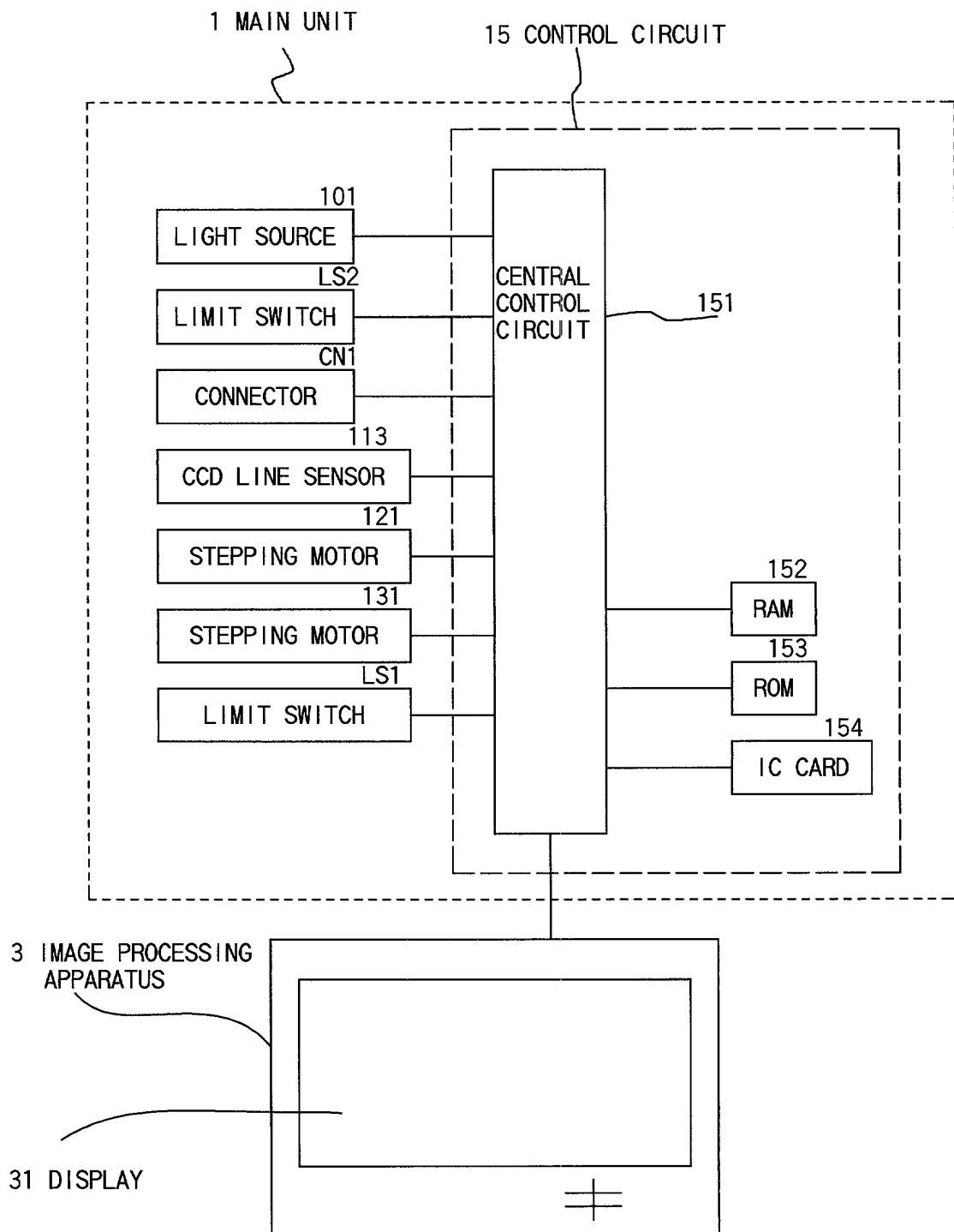


FIG. 6A

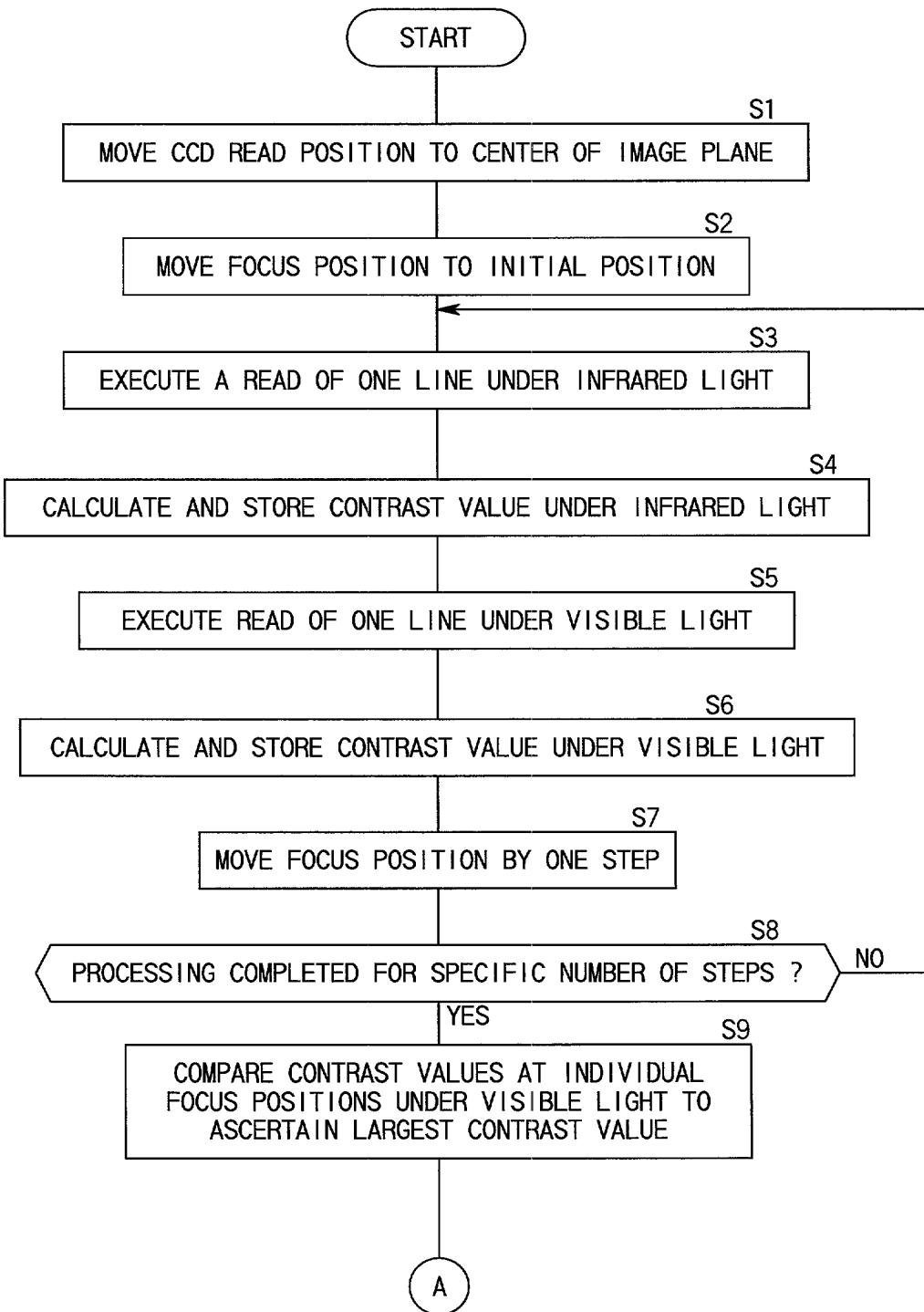


FIG. 6B

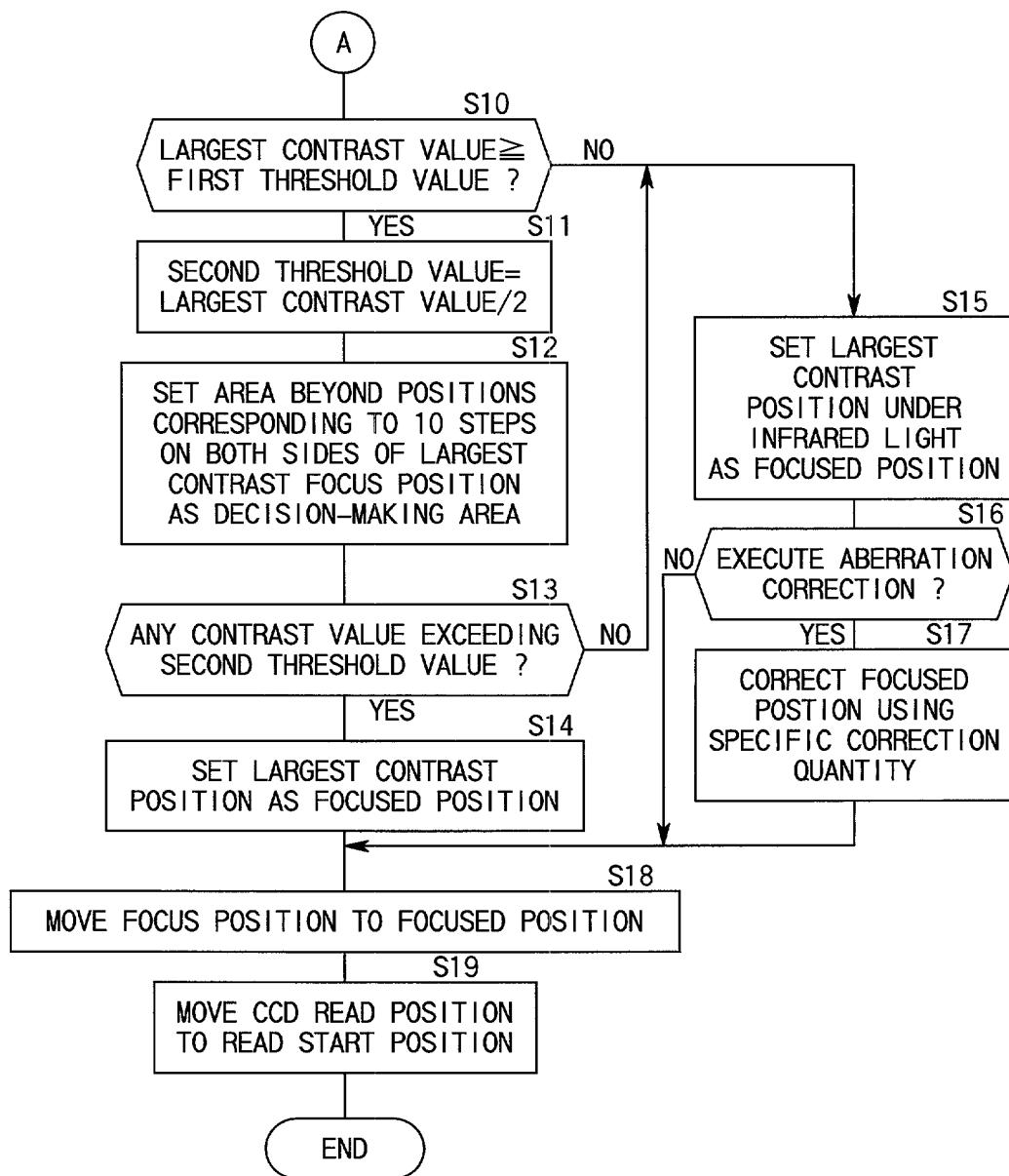


FIG. 7

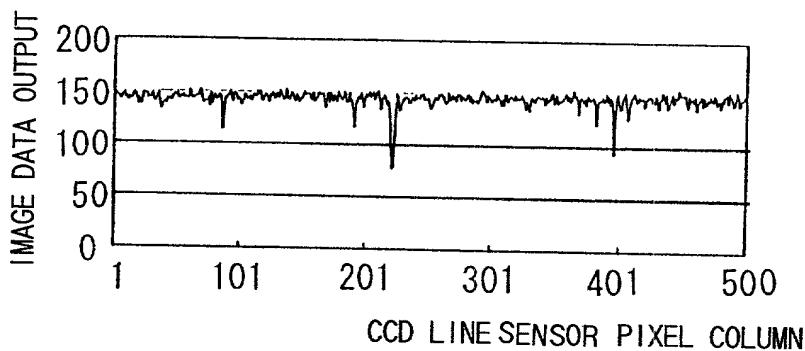


FIG. 8

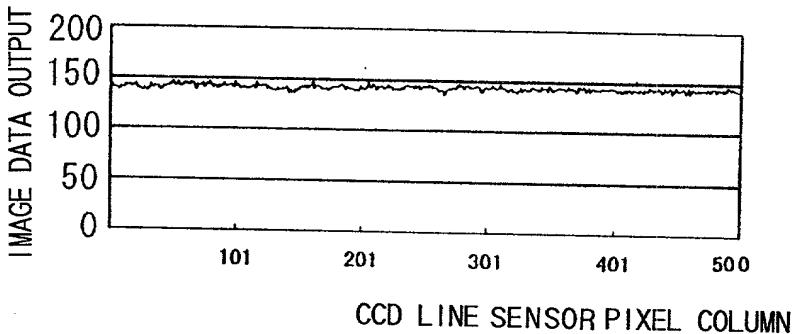


FIG. 9

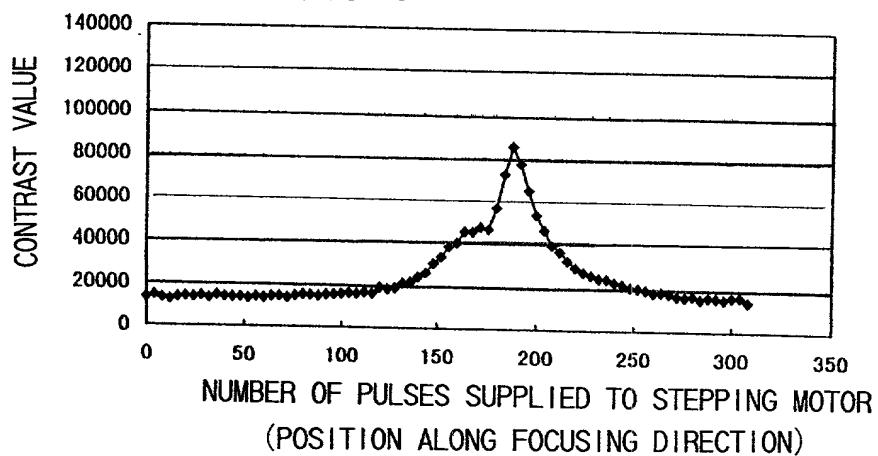


FIG. 10

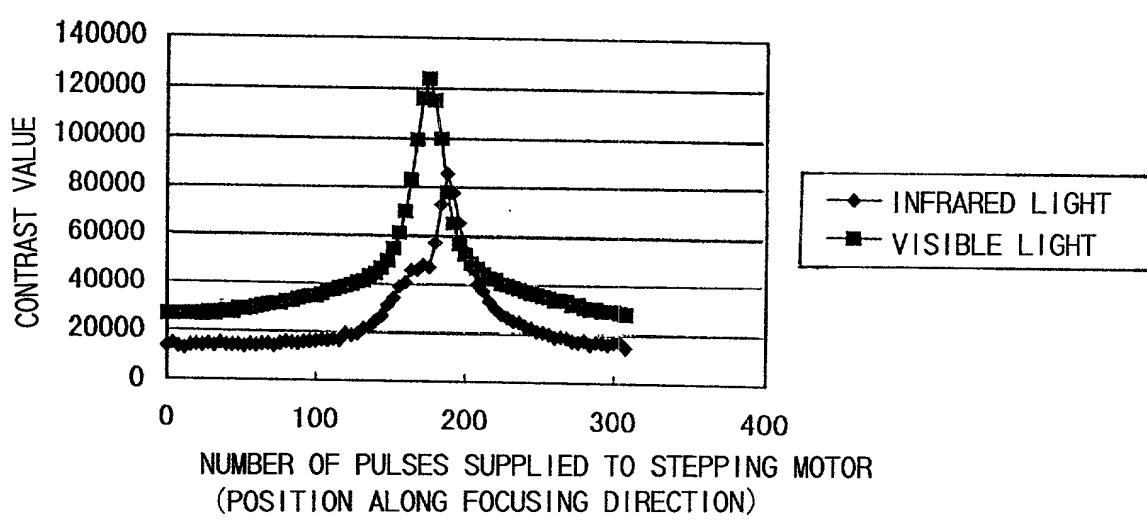


FIG. 11

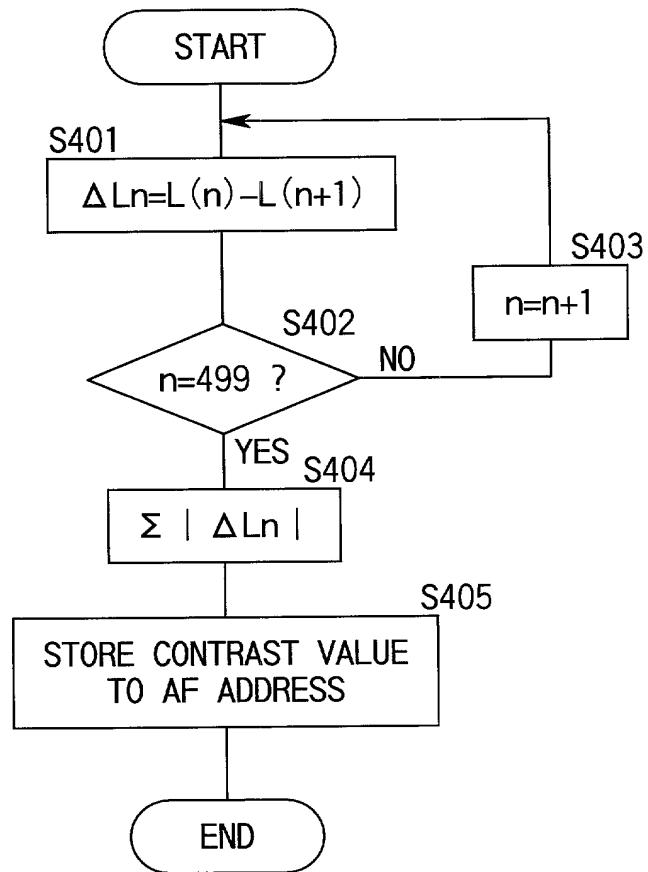


FIG. 12A

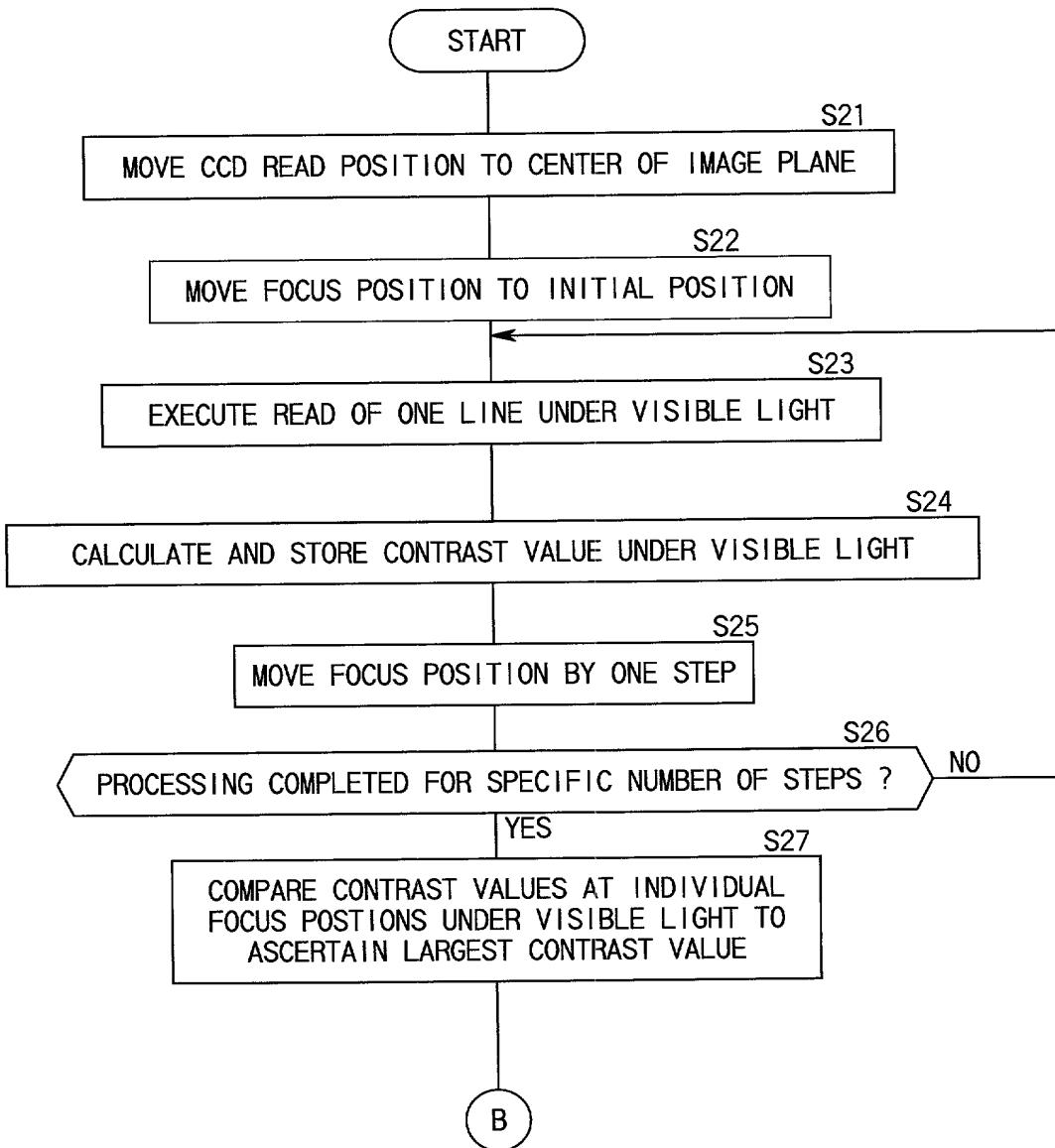


FIG. 12B

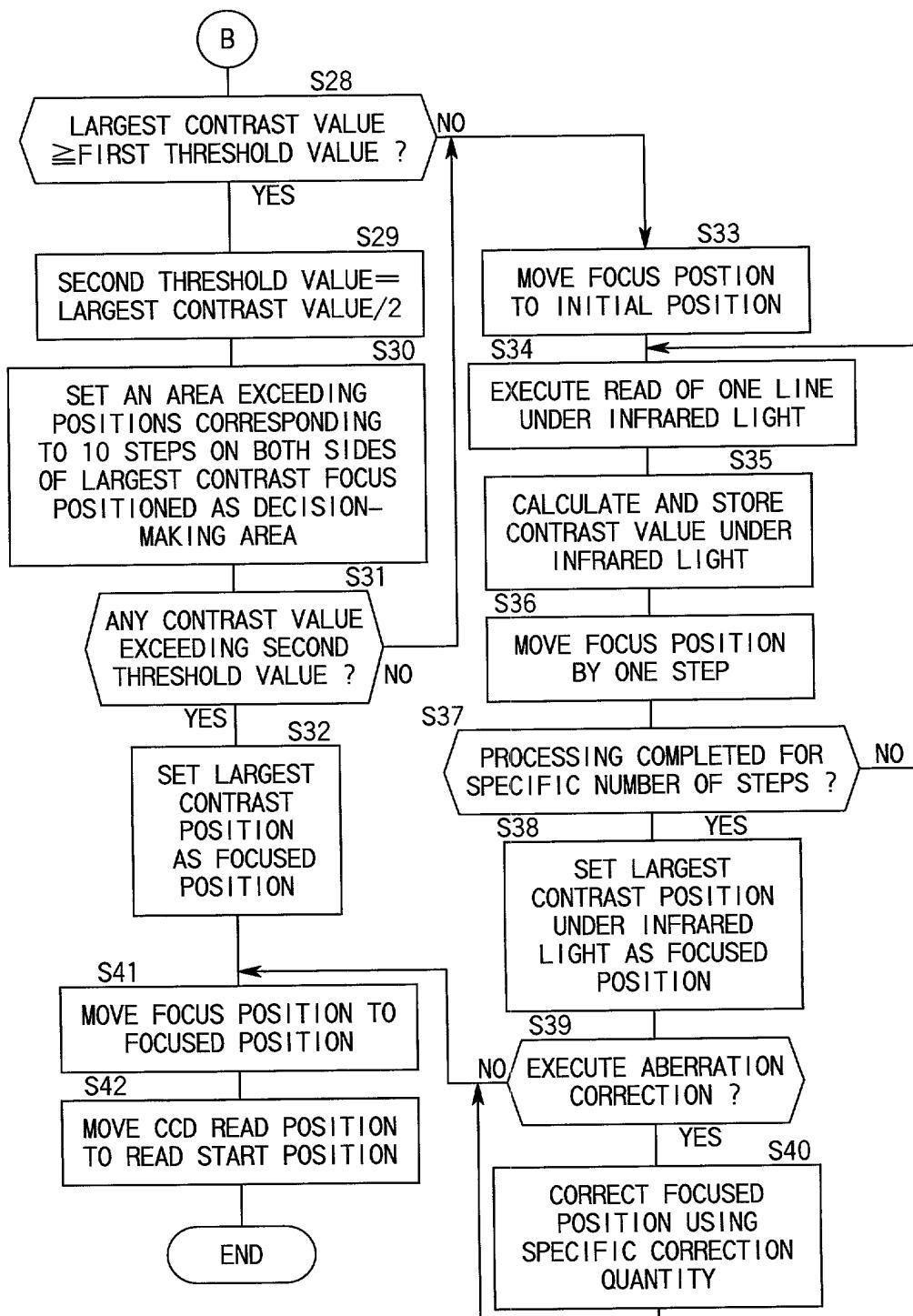


FIG. 13

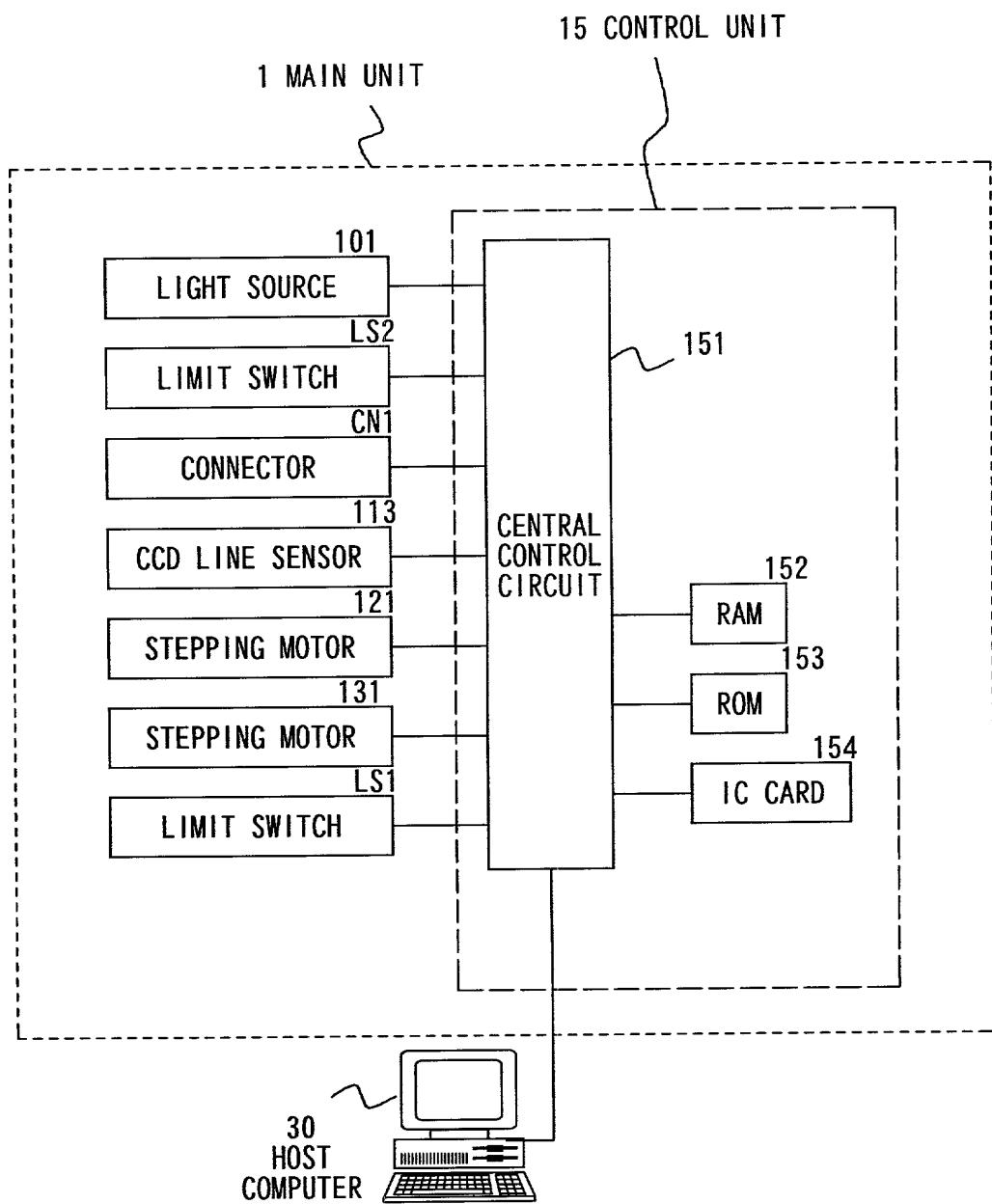


FIG. 14

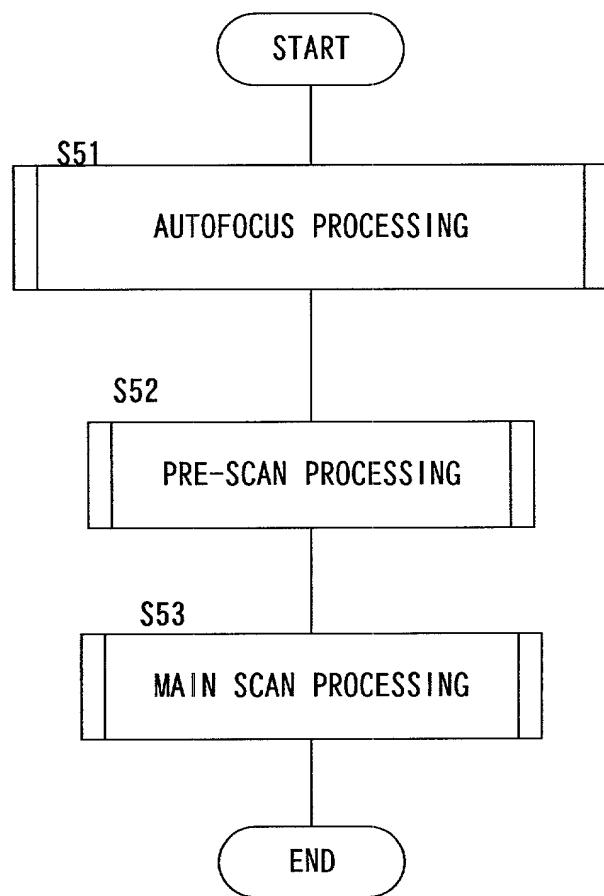
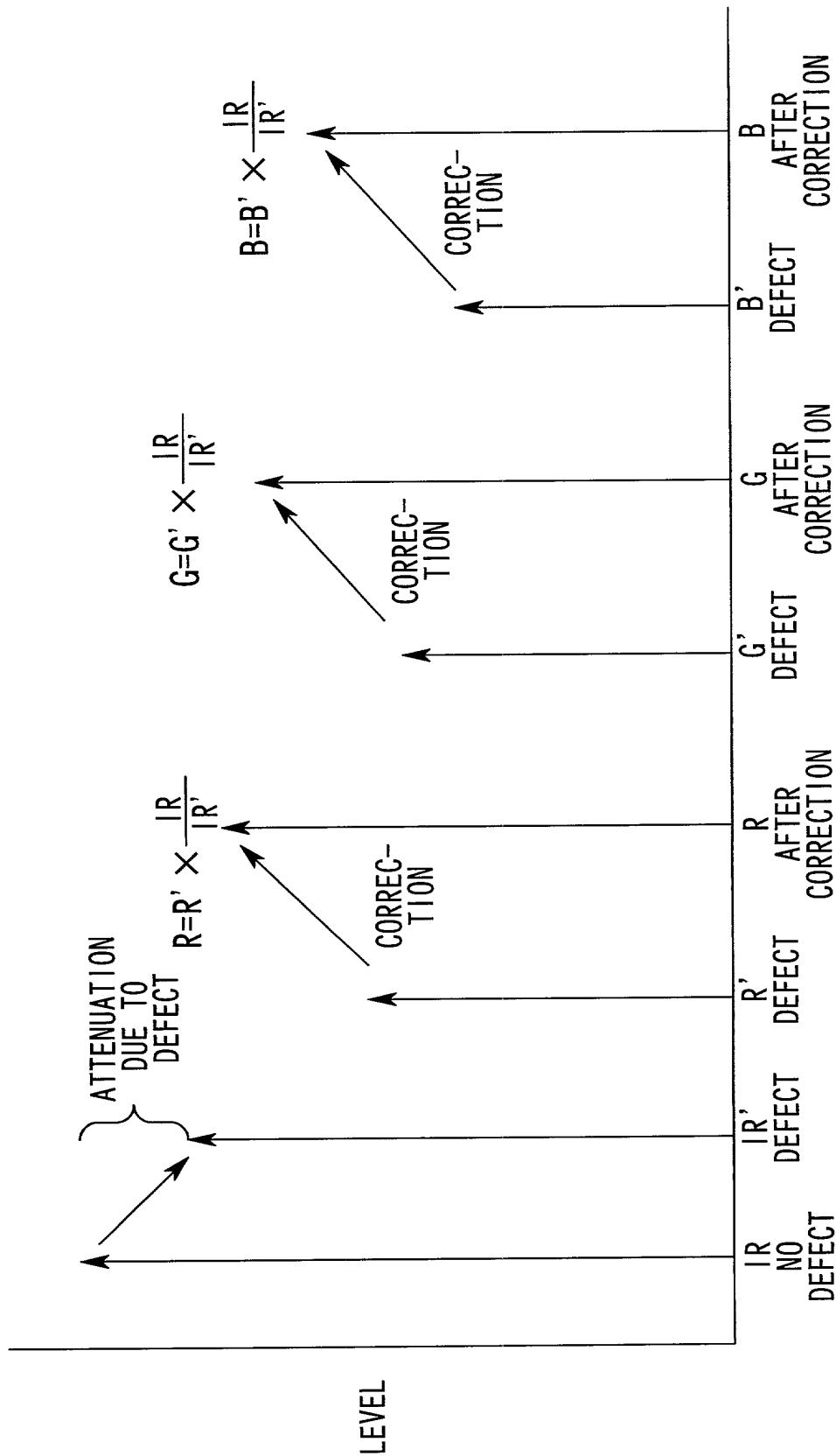


FIG. 15



IR--INFRARED LIGHT, R--RED COLOR LIGHT, G--GREEN COLOR LIGHT, B--BLUE COLOR LIGHT

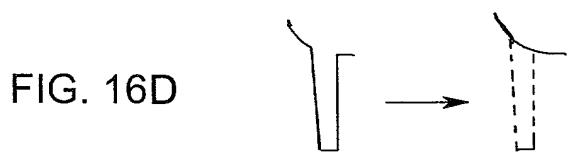
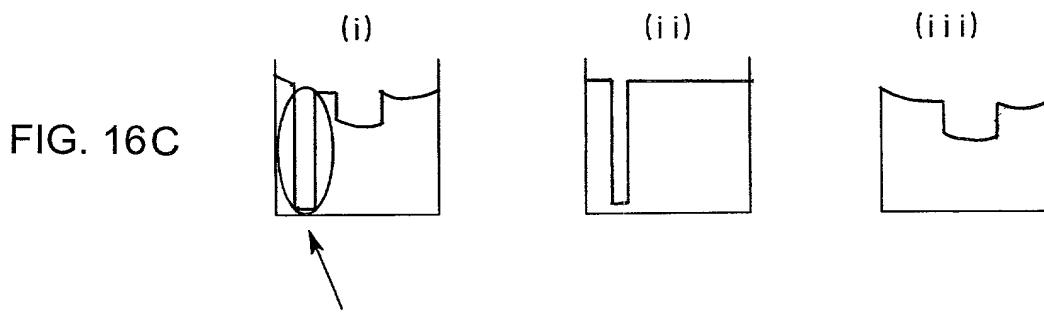
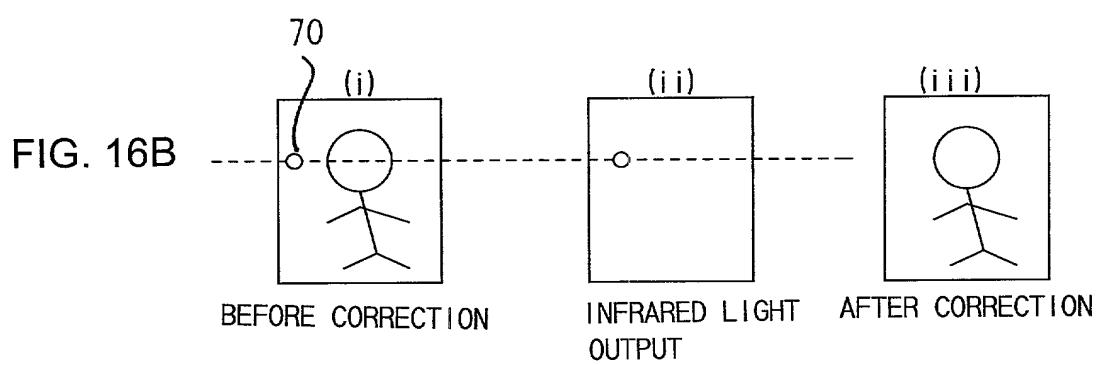
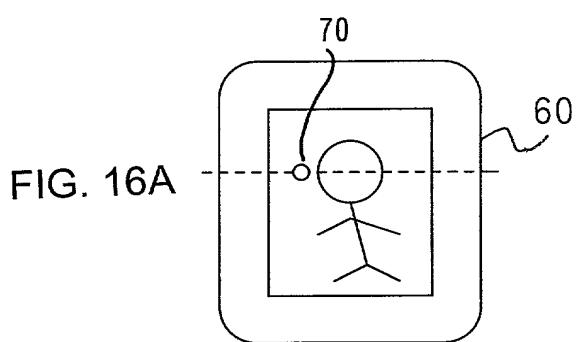


FIG. 17

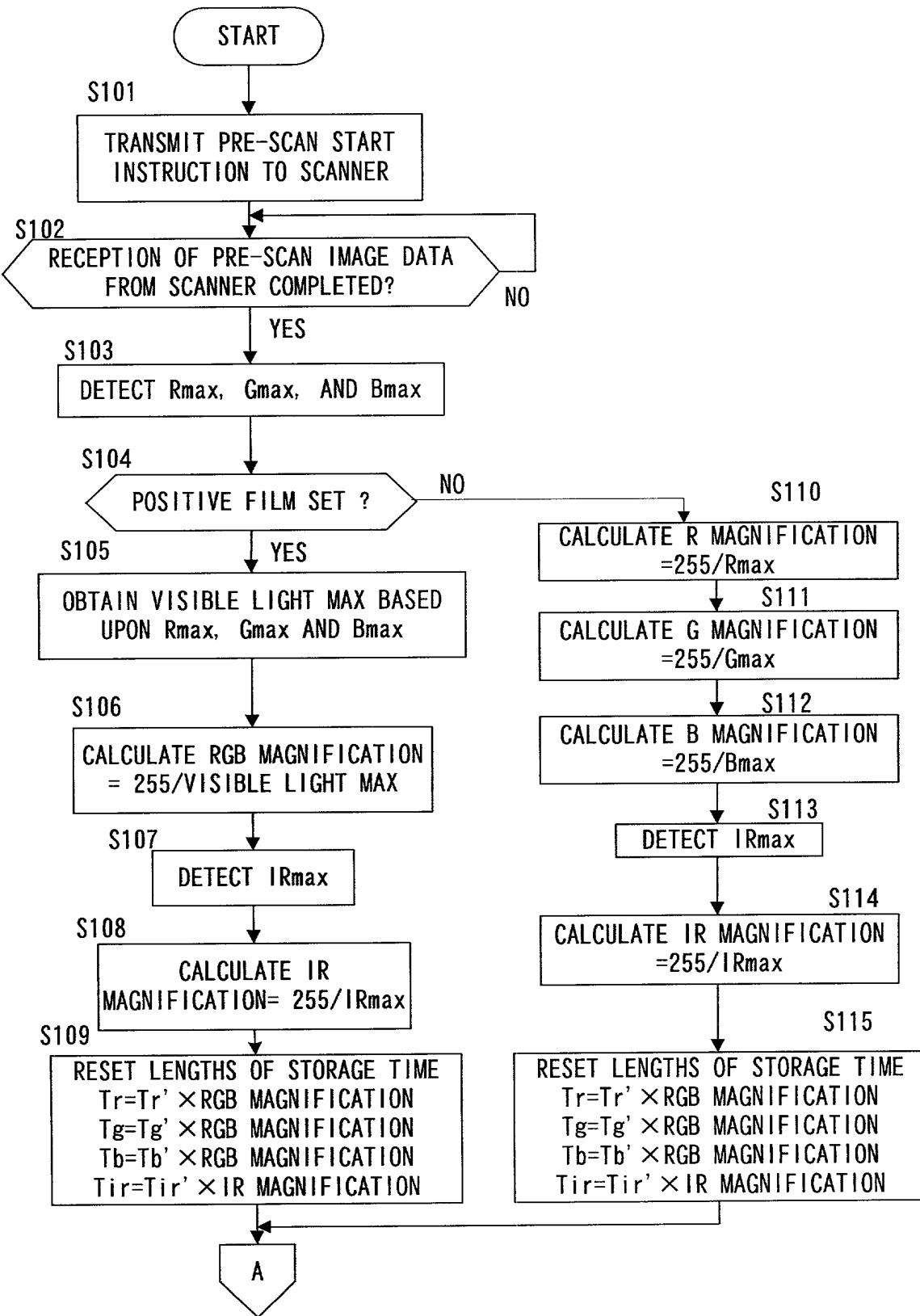


FIG.18

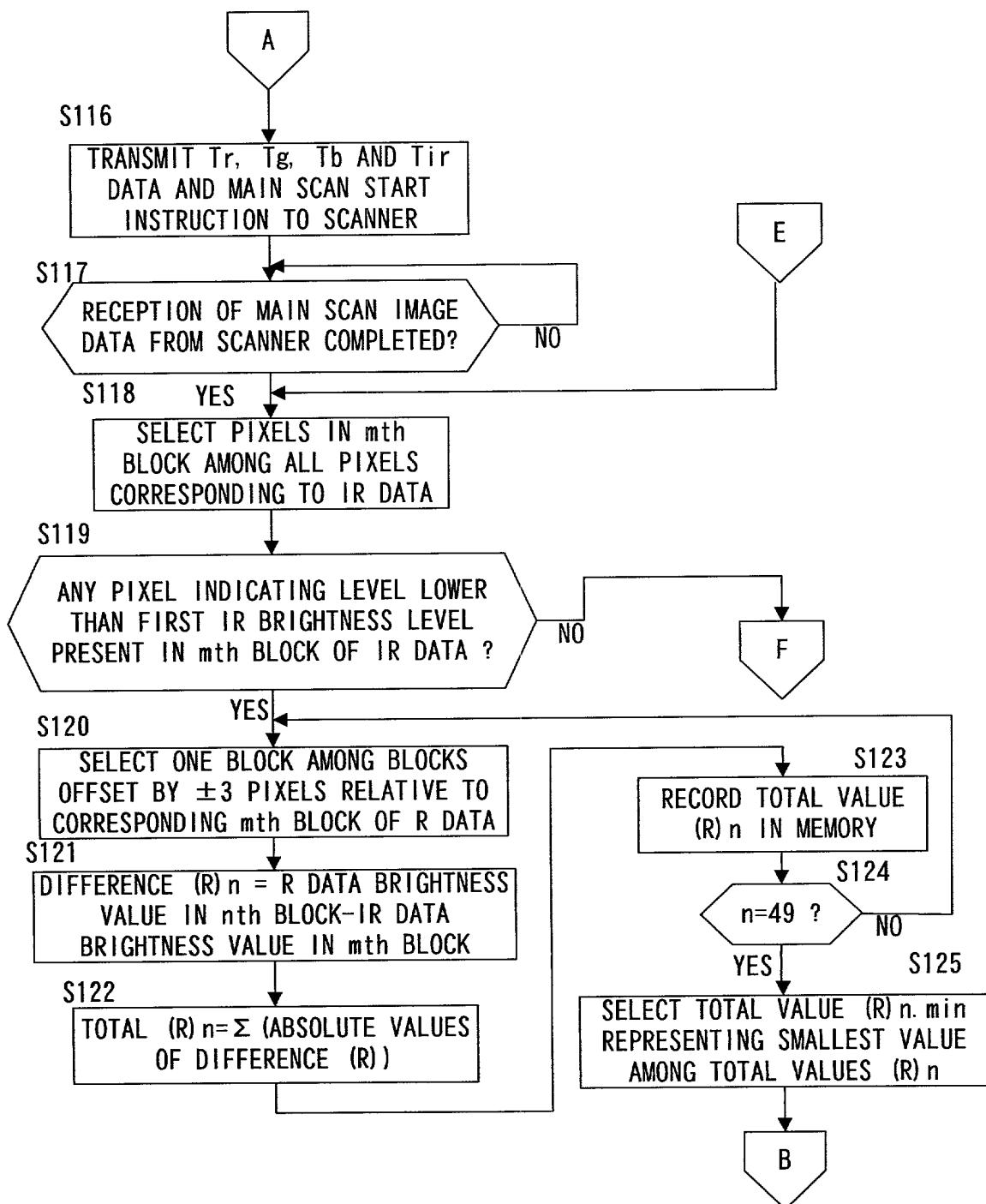


FIG. 19

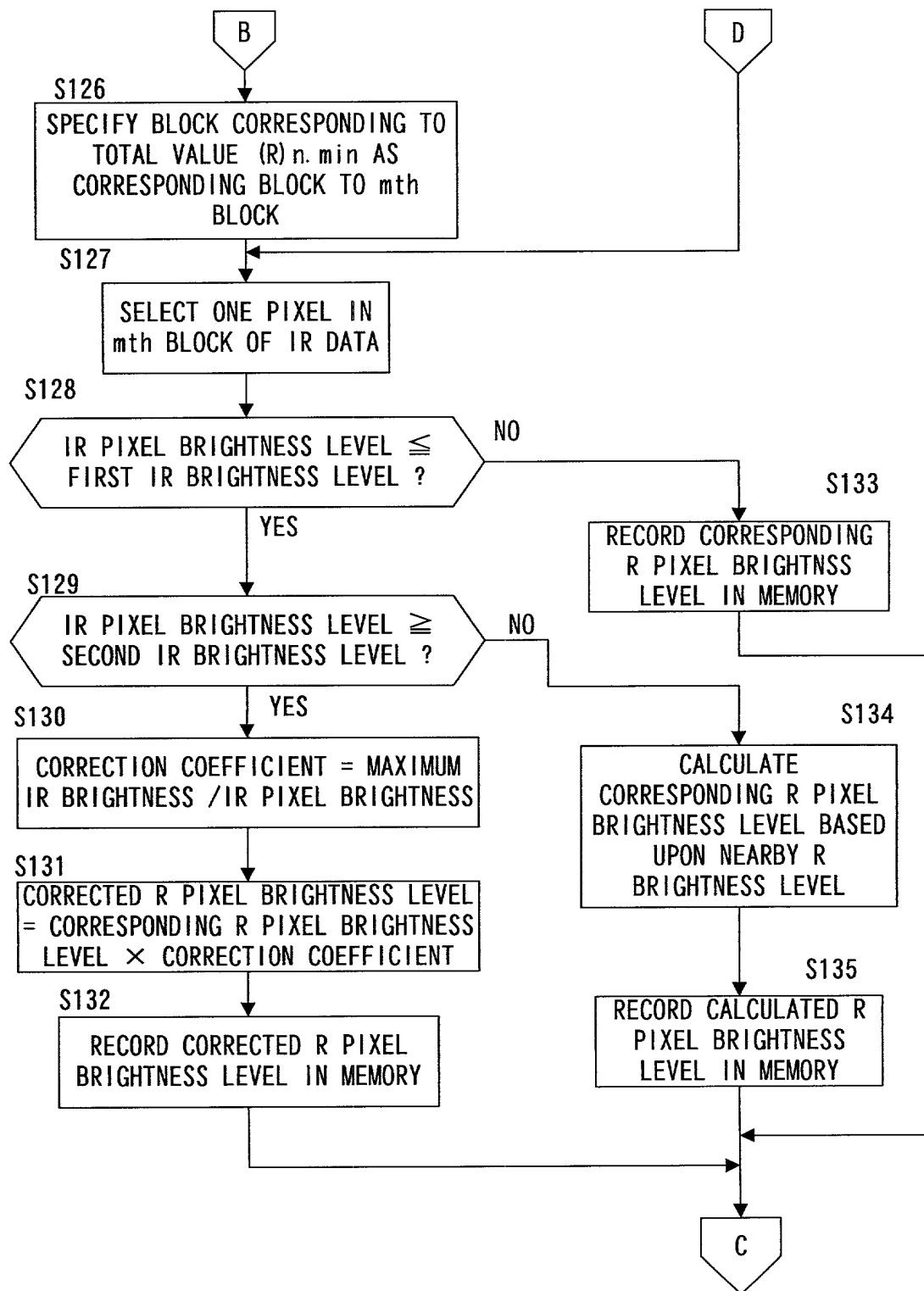


FIG.20

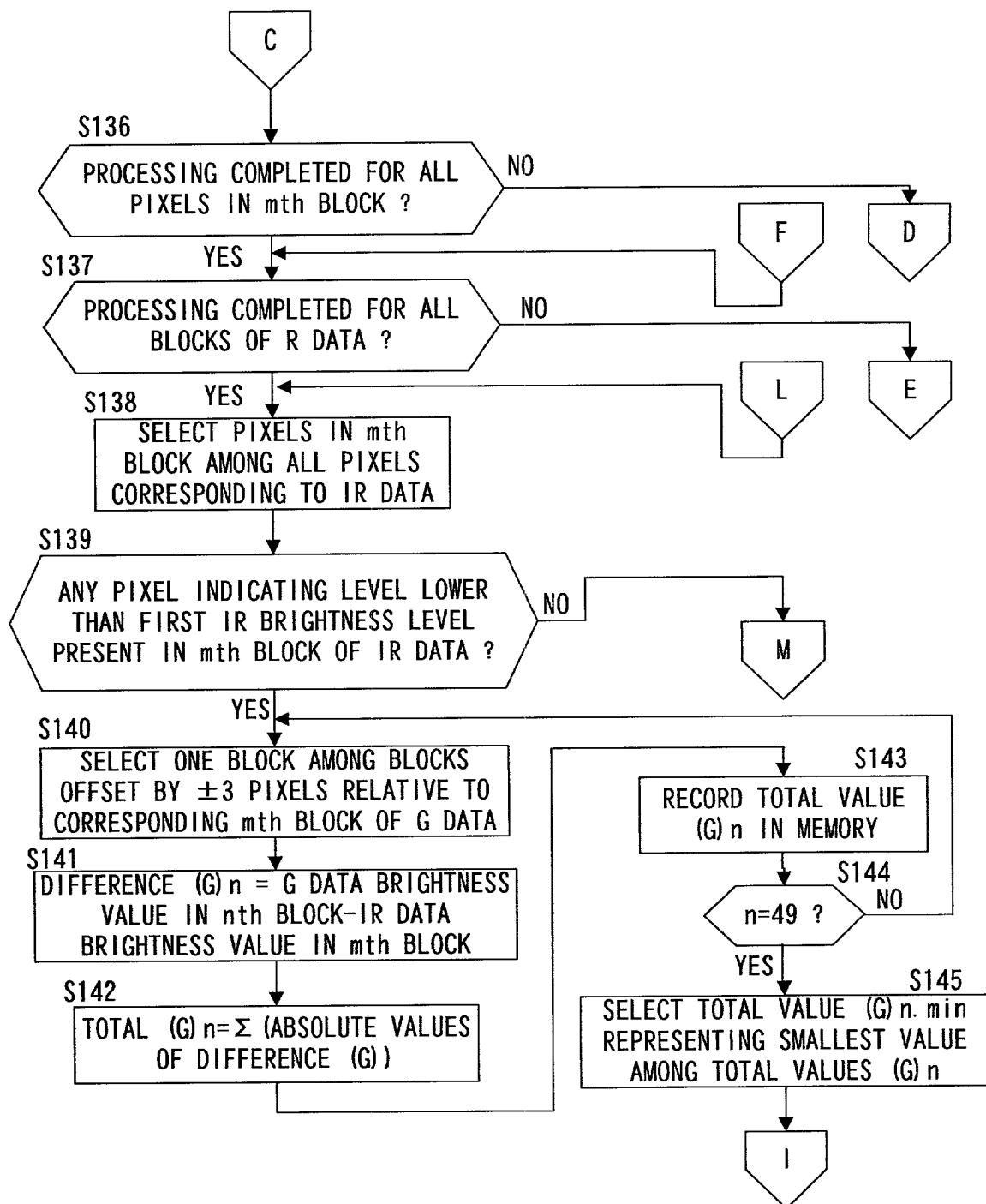


FIG. 21

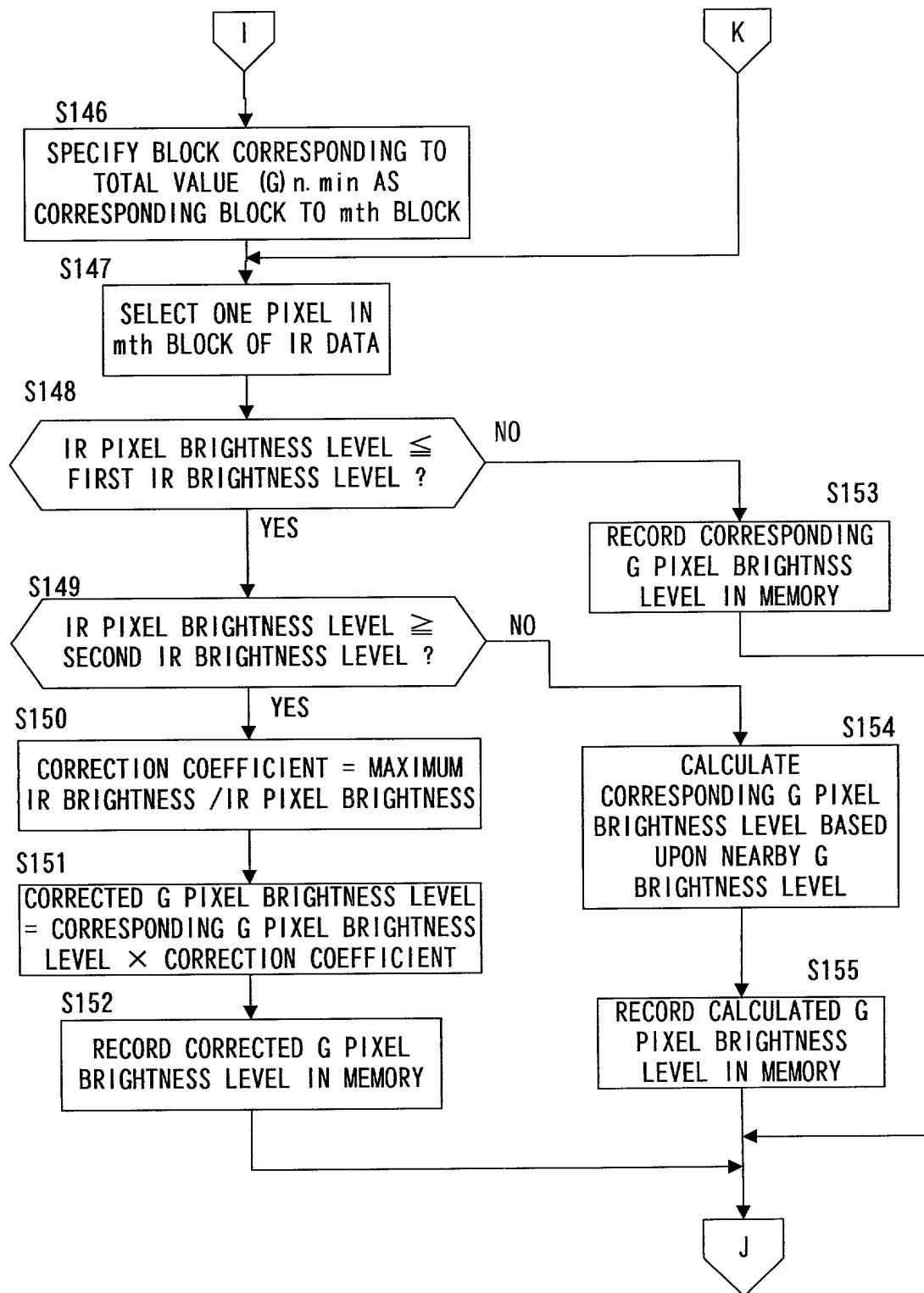


FIG.22

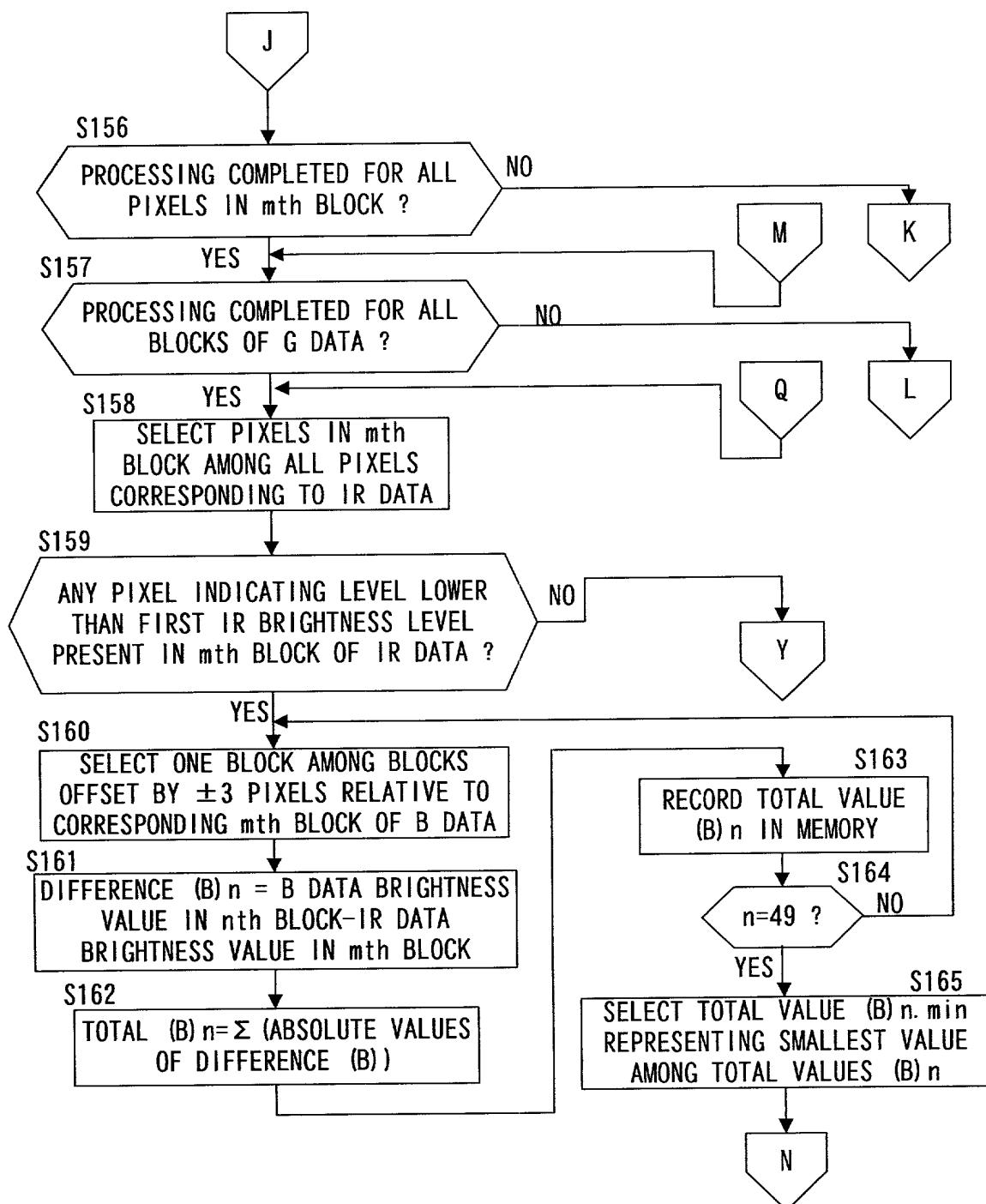


FIG. 23

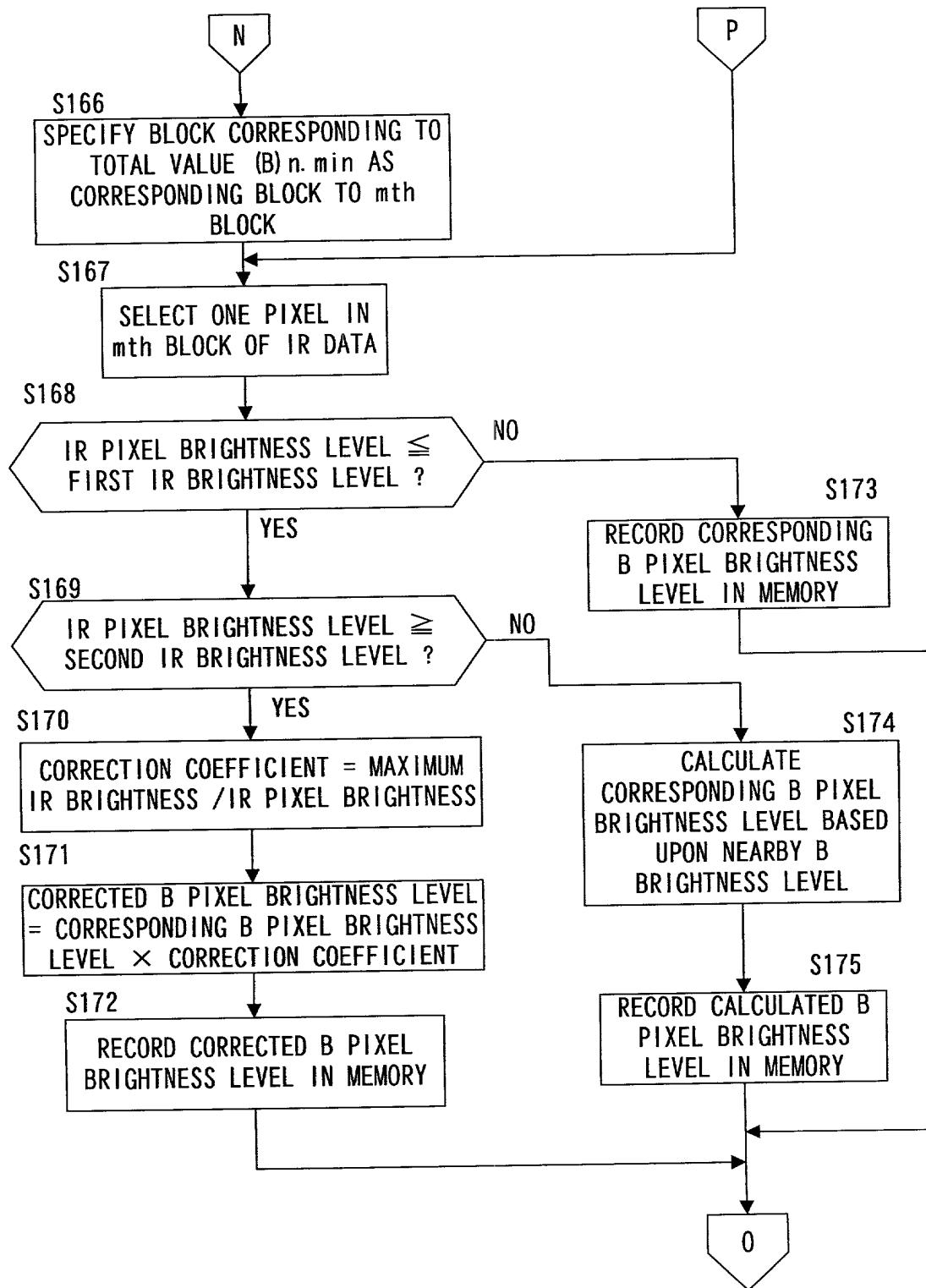


FIG.24

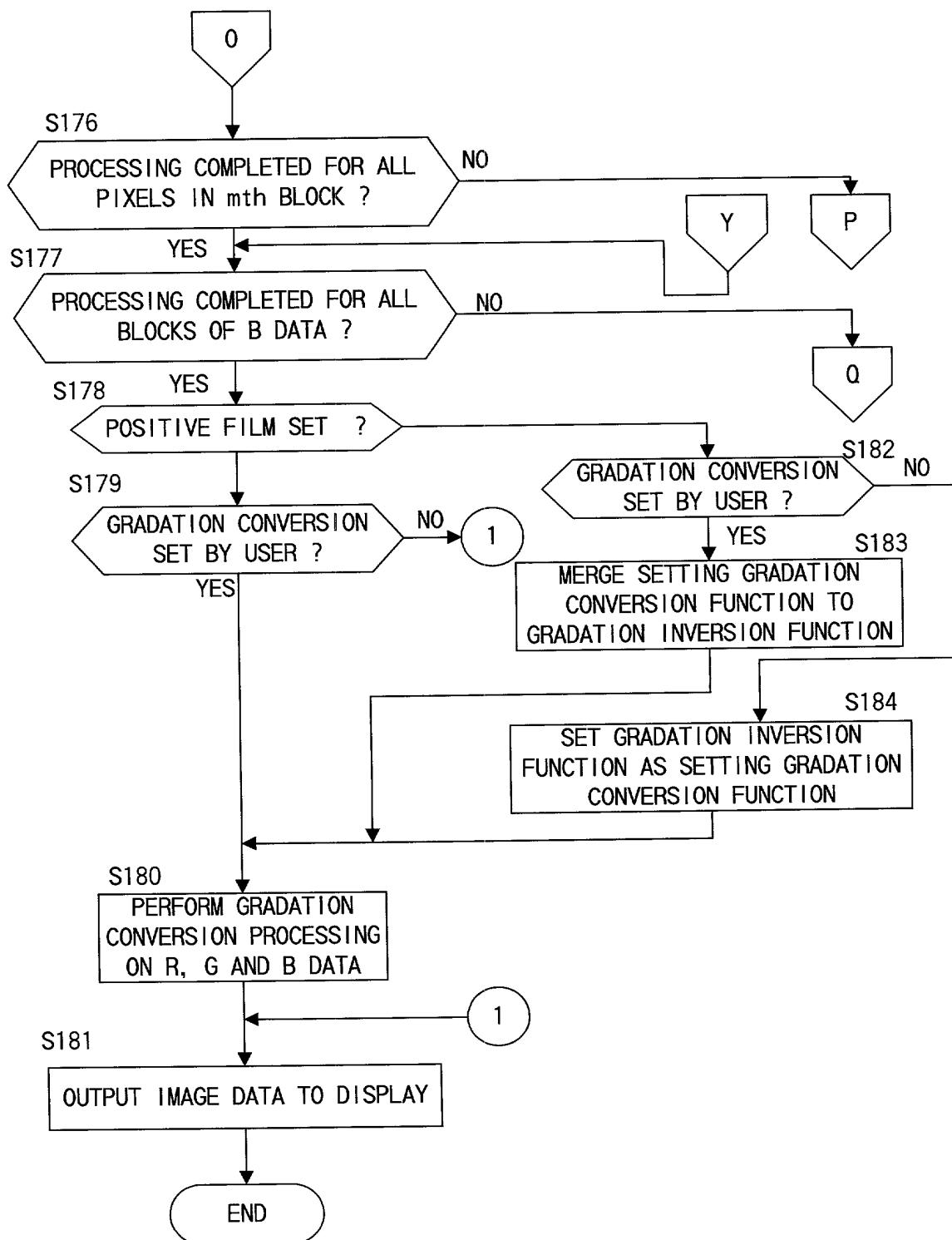


FIG. 25A

IR LEVEL (DEFECT PRESENT)

255	255	120
120	50	120
255	255	255

FIG. 25B

VISIBLE LEVEL (DEFECT PRESENT)

200	200	200	200	200	200
200	200	200	200	200	200
200	200	200	94	200	200
200	94	20	47	100	100
200	200	100	100	100	100
200	200	100	100	200	200

FIG. 25C

VISIBLE LEVEL (NO DEFECT)

200	200	200	200	200	200
200	200	200	200	200	200
200	200	200	200	200	200
200	200	100	100	100	100
200	200	100	100	100	100
200	200	100	100	200	200

FIG. 26A1

200	200	200	200	200	200	ABSOLUTE VALUE TOTAL
-55	-55	80	200	200	200	190
80	150	80	94	200	200	310
-55	161	235	17	100	100	451
200	200	100	100	100	100	TOTAL 951
200	200	100	100	200	200	

FIG. 26A2

200	200	200	200	200	200	ABSOLUTE VALUE TOTAL
200	-55	-55	80	200	200	190
200	80	150	-26	200	200	256
200	-161	-235	-208	100	100	604
200	200	100	100	100	100	TOTAL 1050
200	200	100	100	200	200	

FIG. 26A3

200	200	200	200	200	200	ABSOLUTE VALUE TOTAL
200	200	-55	-55	80	200	190
200	200	80	44	80	200	204
200	94	-235	-208	-55	100	598
200	200	100	100	100	100	TOTAL 992
200	200	100	100	200	200	

FIG. 27B1

200	200	200	200	200	200
200	200	200	200	200	200
-55	-55	80	200	200	200
80	44	-100	47	100	100
-55	-55	-155	100	100	100
200	200	100	100	200	200

ABSOLUTE VALUE TOTAL

190

224

265

TOTAL 679

FIG. 27B2

200	200	200	200	200	200
200	200	200	200	200	200
200	-55	-55	-26	200	200
200	-26	-30	-73	100	100
200	-55	-155	-155	100	100
200	200	100	100	200	200

ABSOLUTE VALUE TOTAL

136

129

365

TOTAL 630

FIG. 27B3

200	200	200	200	200	200
200	200	200	200	200	200
200	200	-55	-151	80	200
200	94	-100	3	-20	100
200	200	-155	-155	-155	100
200	200	100	100	200	200

ABSOLUTE VALUE TOTAL

296

123

465

TOTAL 884

FIG. 28C1

200	200	200	200	200	200	
200	200	200	200	200	200	ABSOLUTE VALUE TOTAL
200	200	200	94	200	200	316
-55	-161	-100	47	100	100	250
80	150	-20	100	100	100	265
-55	-55	-155	100	200	200	TOTAL 831

FIG. 28C2

200	200	200	200	200	200	
200	200	200	200	200	200	ABSOLUTE VALUE TOTAL
200	200	200	94	200	200	469
200	-161	-235	73	100	100	150
200	80	50	-20	100	100	365
200	-55	-155	-155	200	200	TOTAL 984

FIG. 28C3

200	200	200	200	200	200	
200	200	200	200	200	200	ABSOLUTE VALUE TOTAL
200	200	200	94	200	200	463
200	94	-235	-208	-20	100	90
200	200	-20	50	-20	100	365
200	200	-155	-155	-55	200	TOTAL 918

FIG. 29

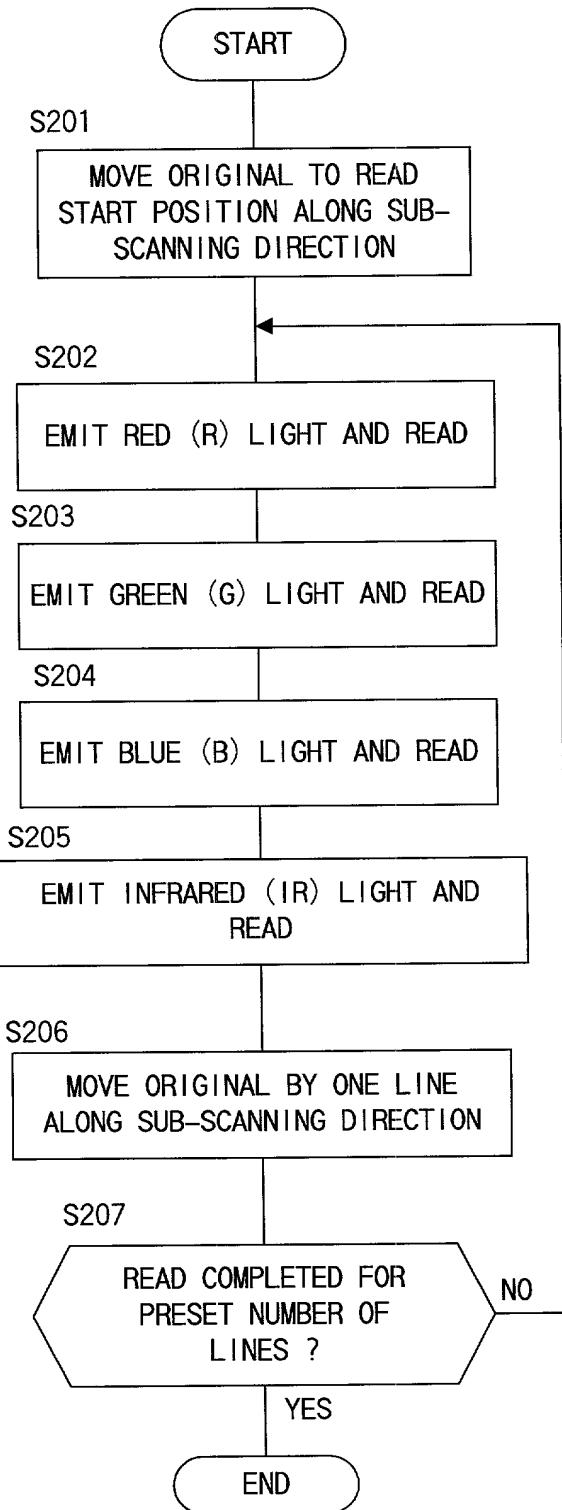


FIG. 30

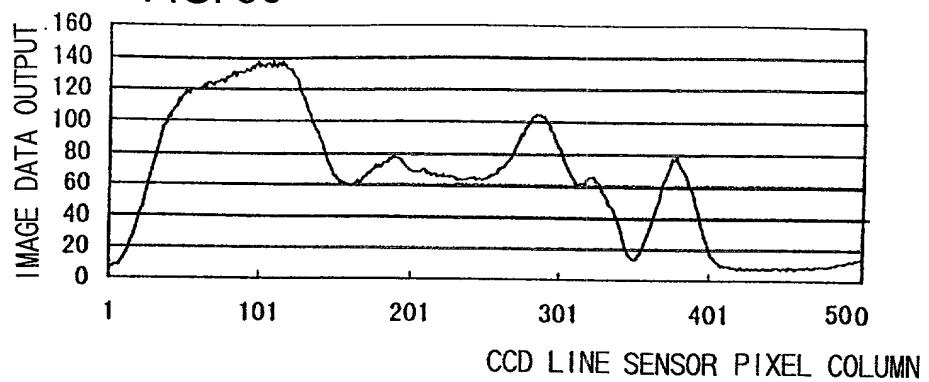


FIG. 31

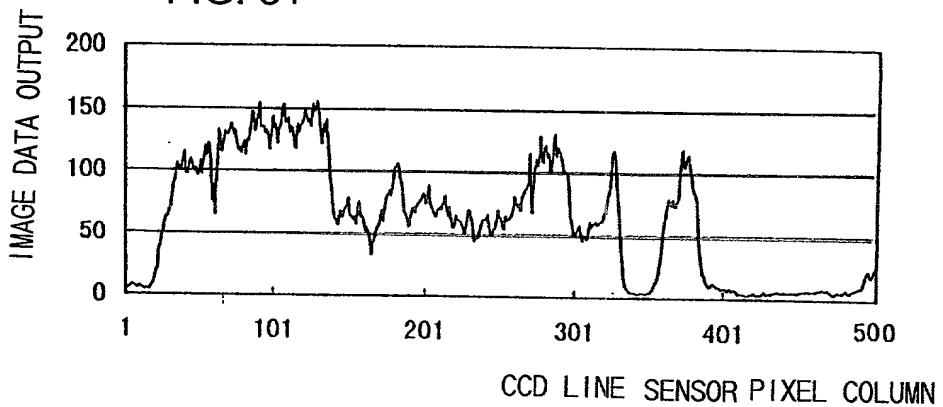


FIG. 32

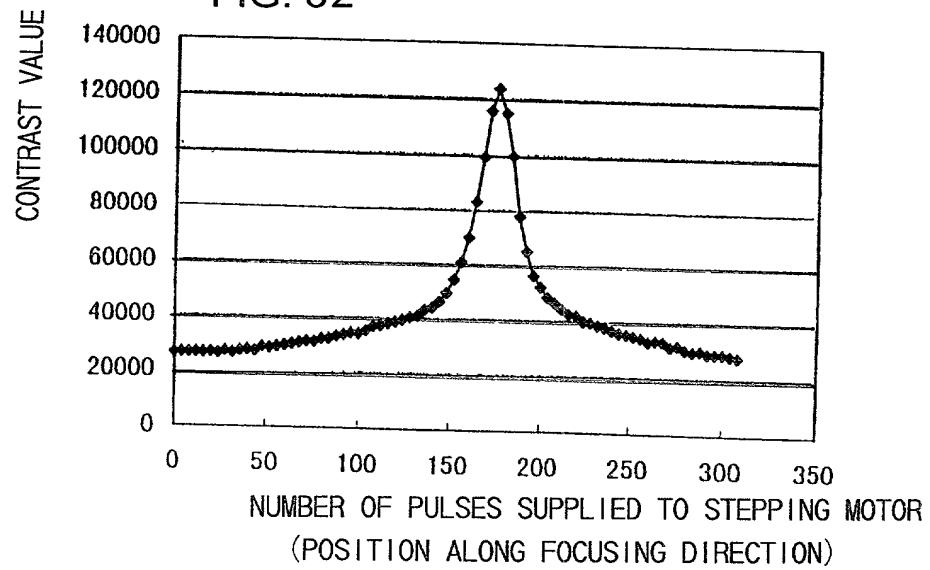


FIG. 33

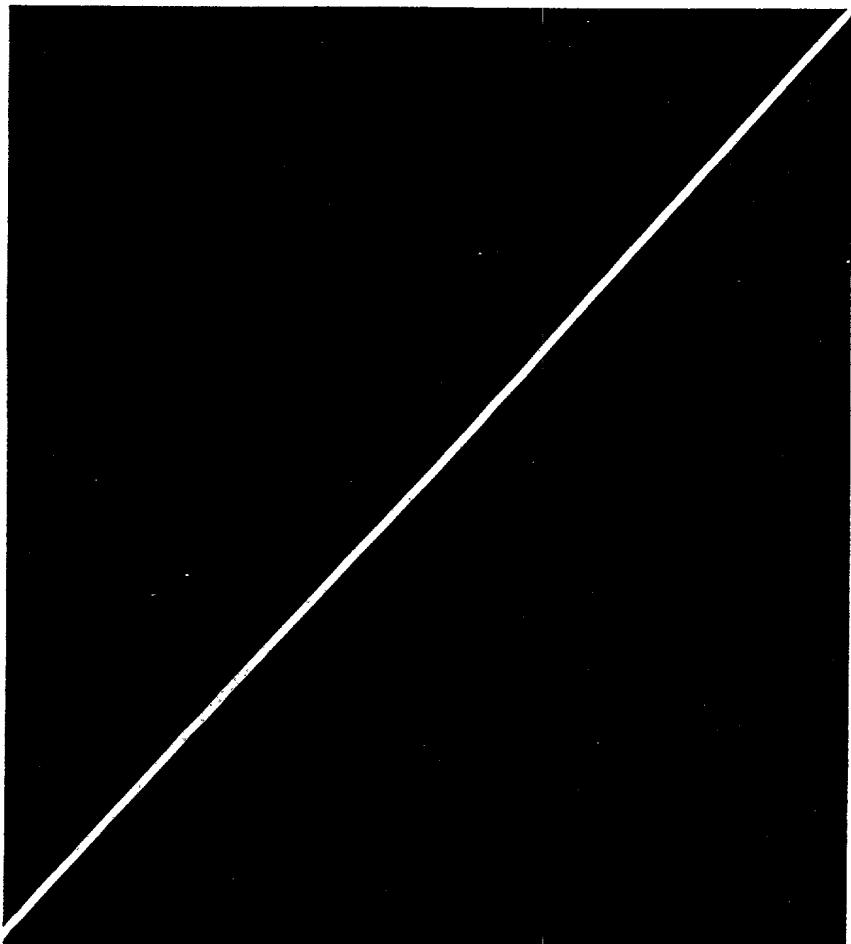


FIG. 34

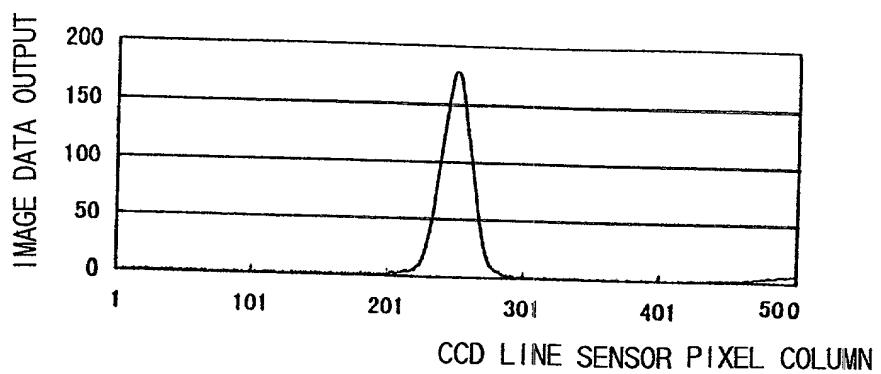


FIG. 35

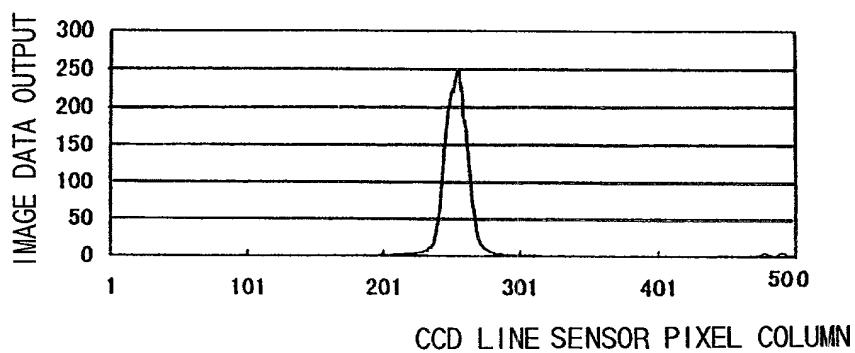


FIG. 36

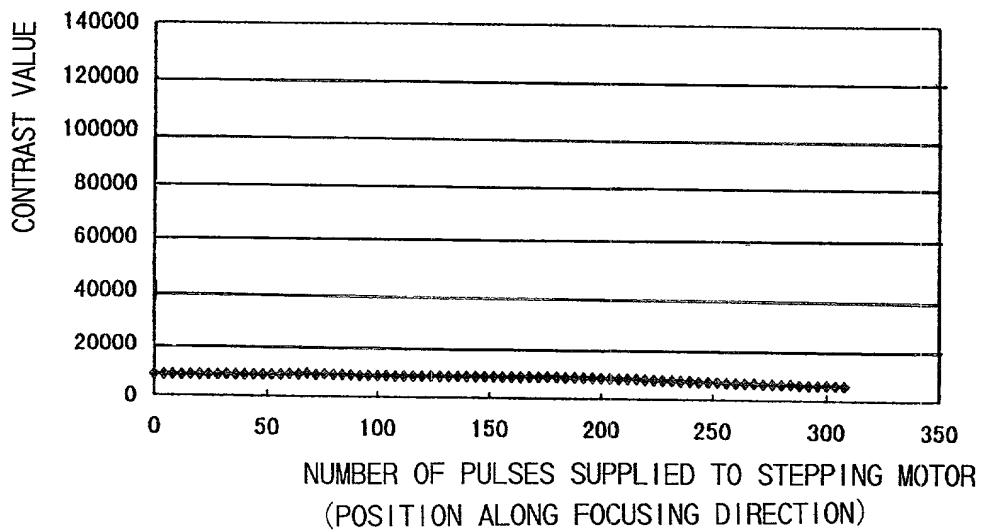


FIG. 1

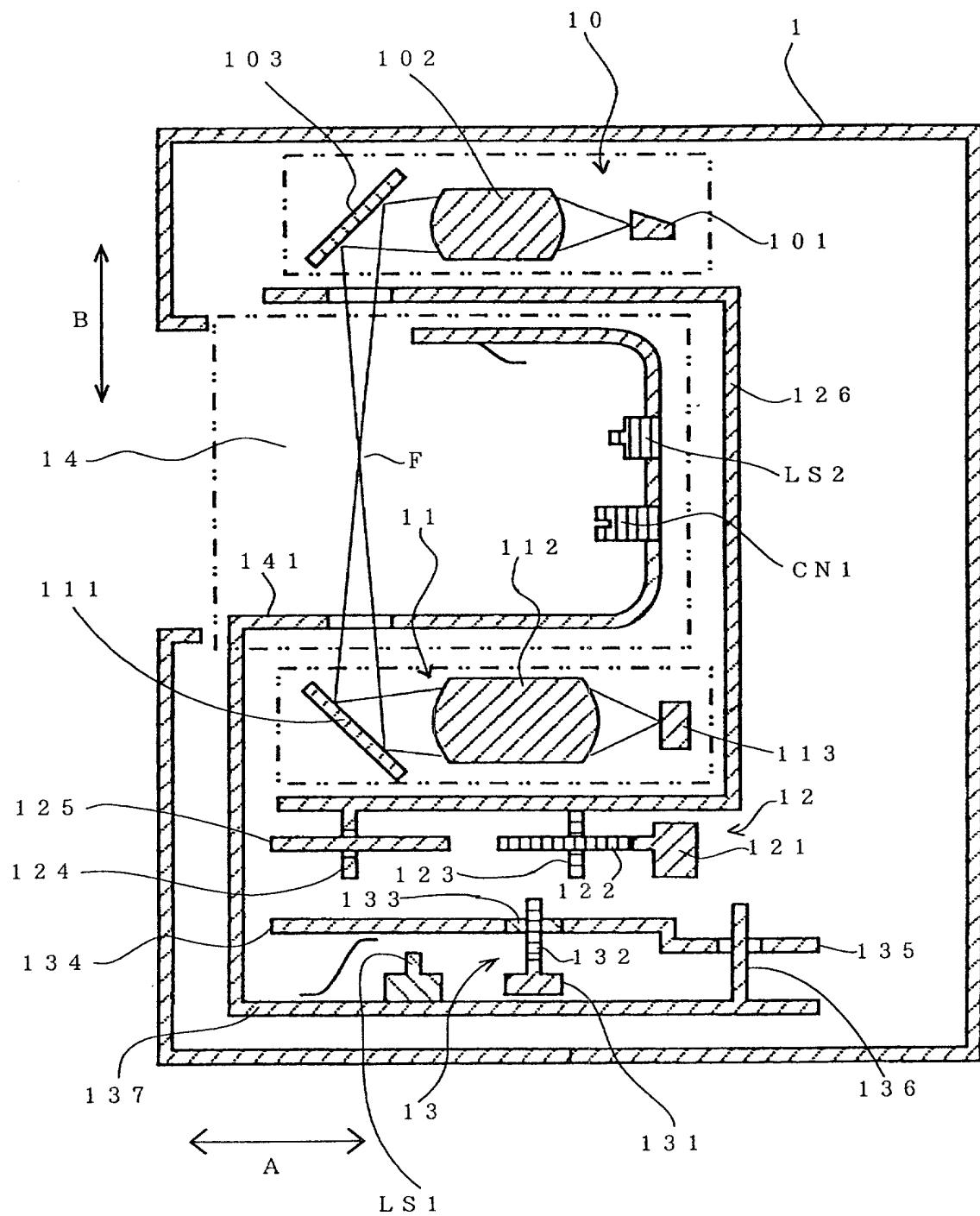


FIG. 2

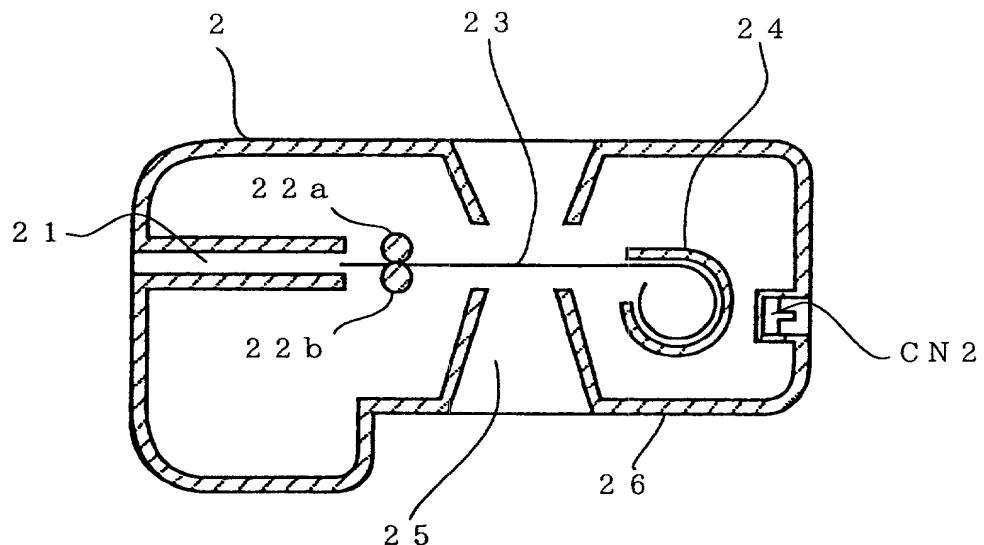


FIG. 3

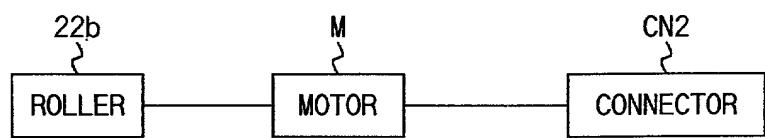


FIG. 4

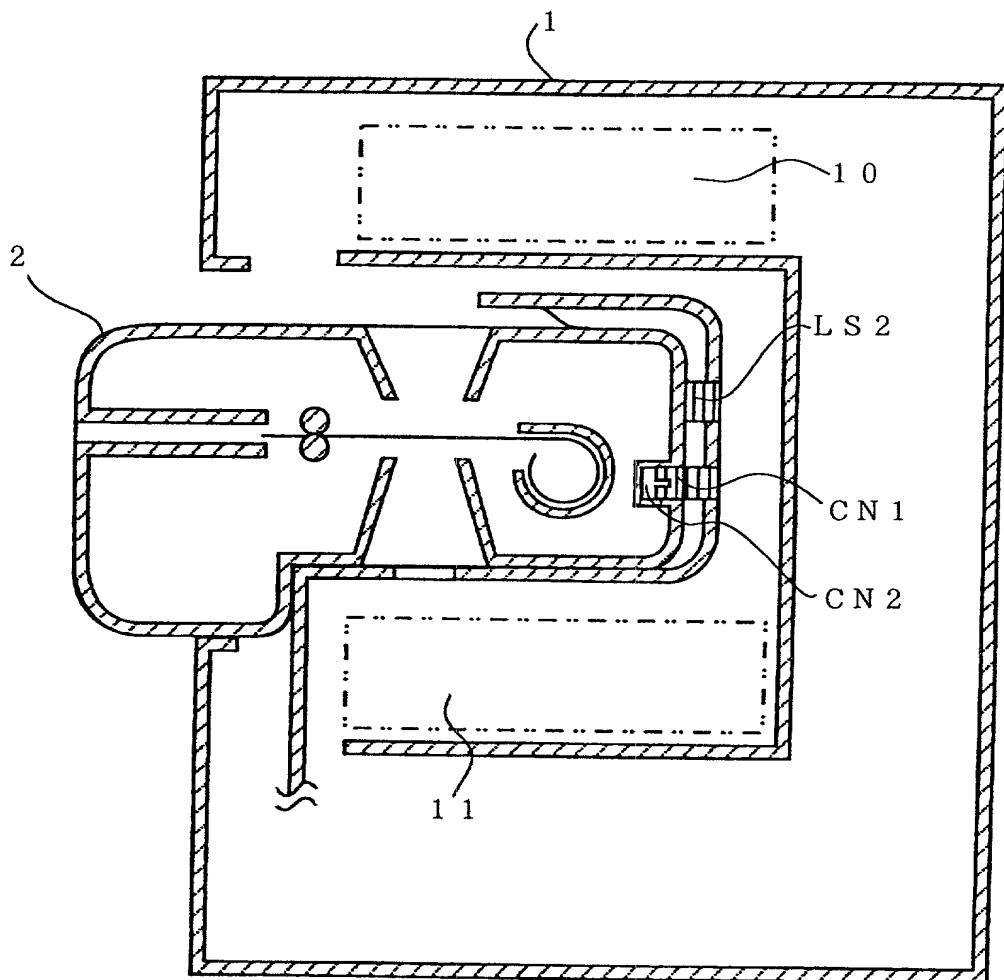


FIG. 5

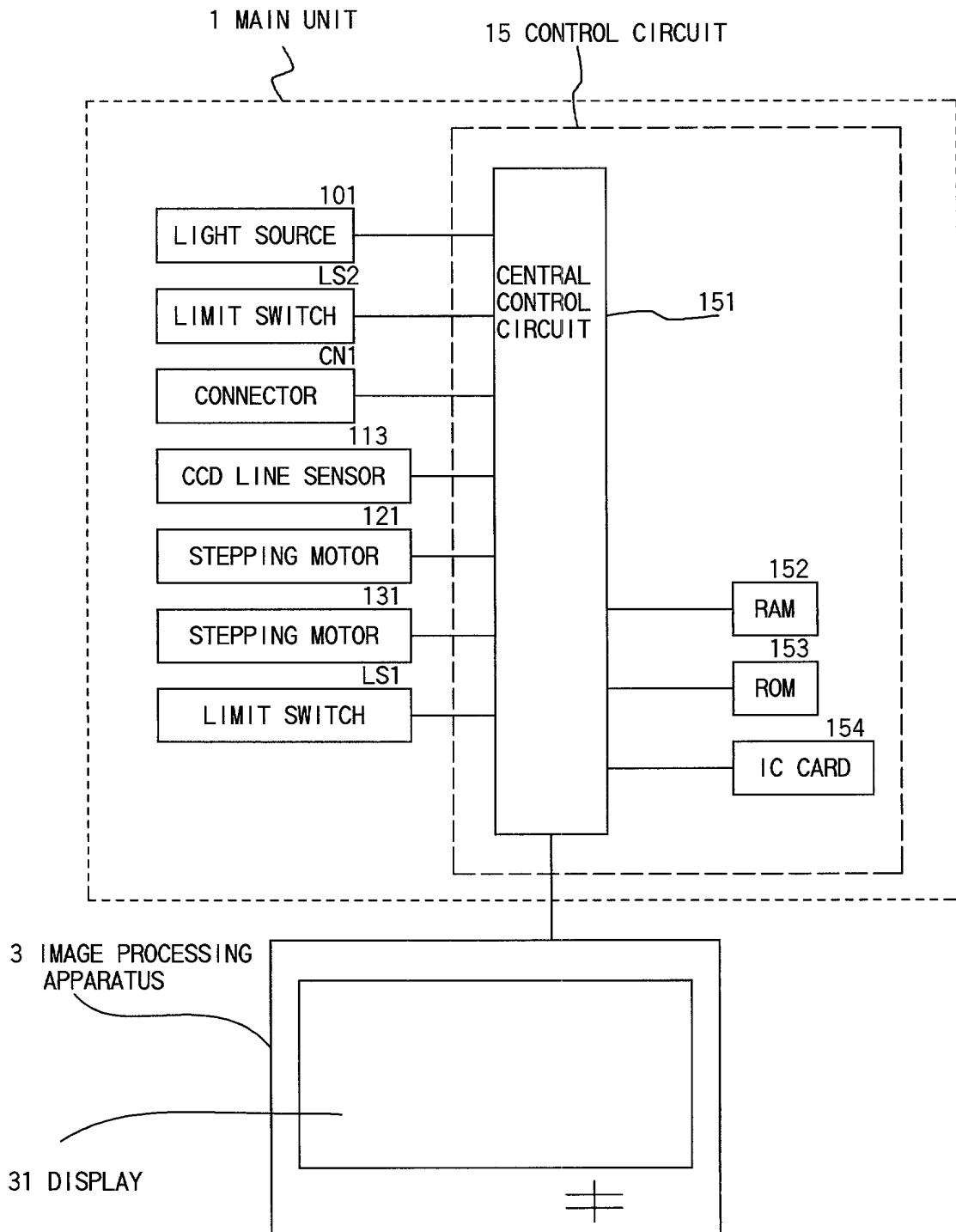


FIG. 6A

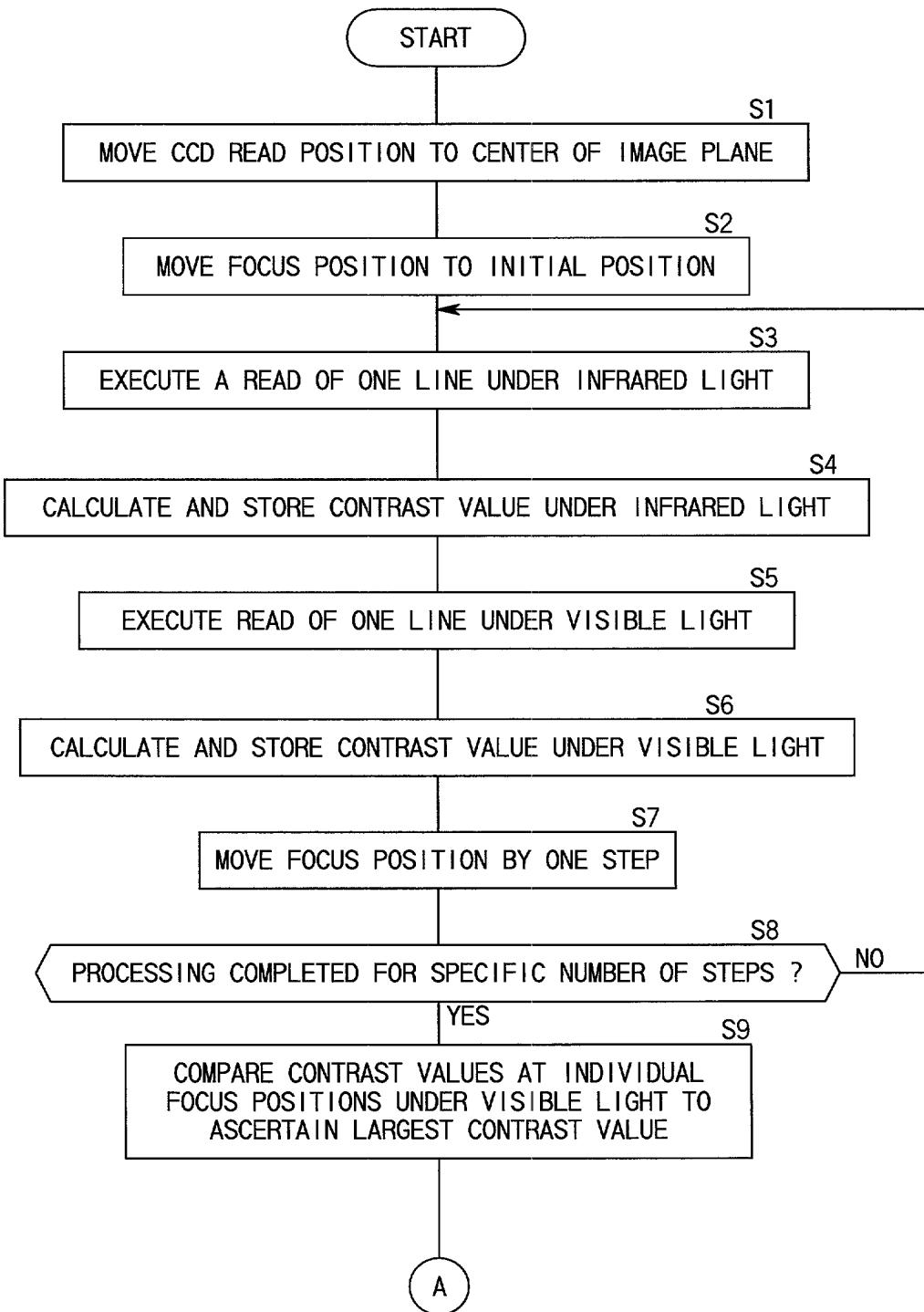


FIG. 6B

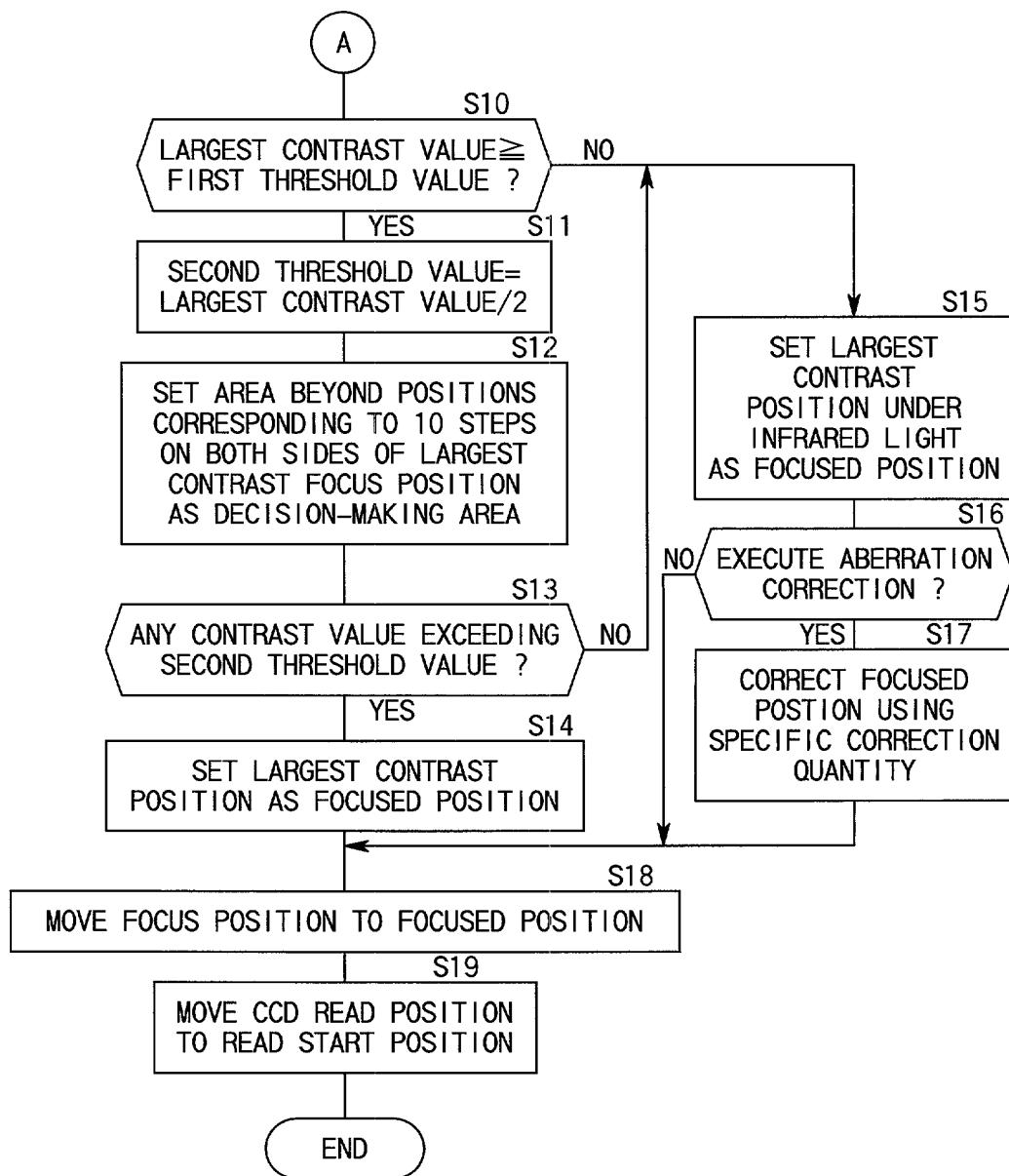


FIG. 7

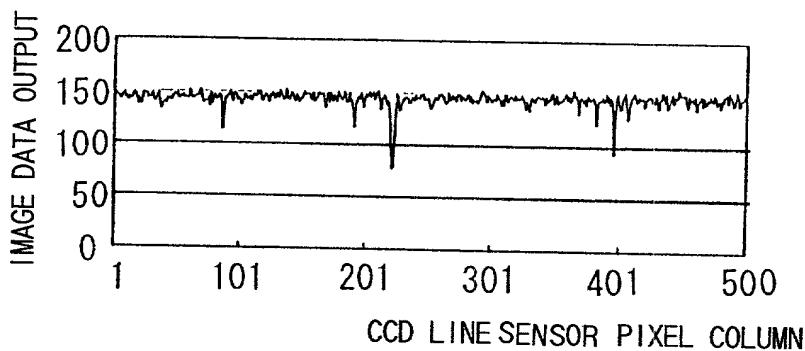


FIG. 8

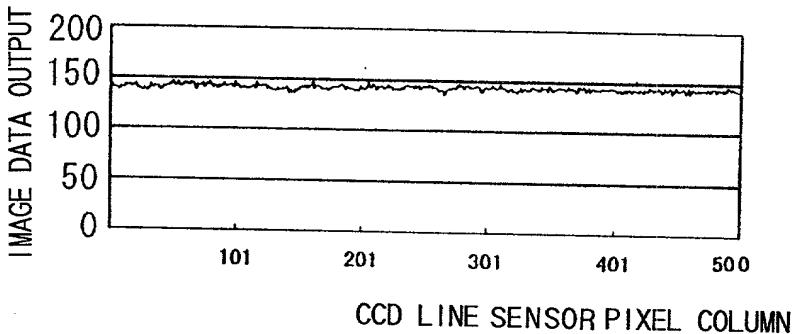


FIG. 9

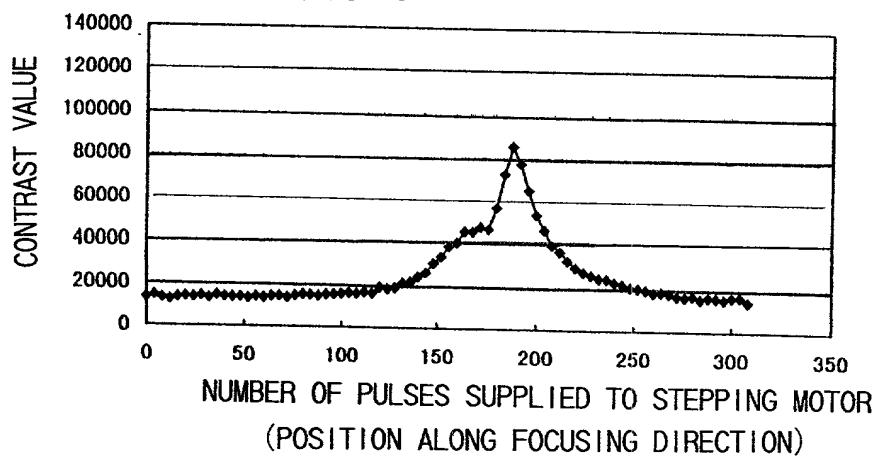


FIG. 10

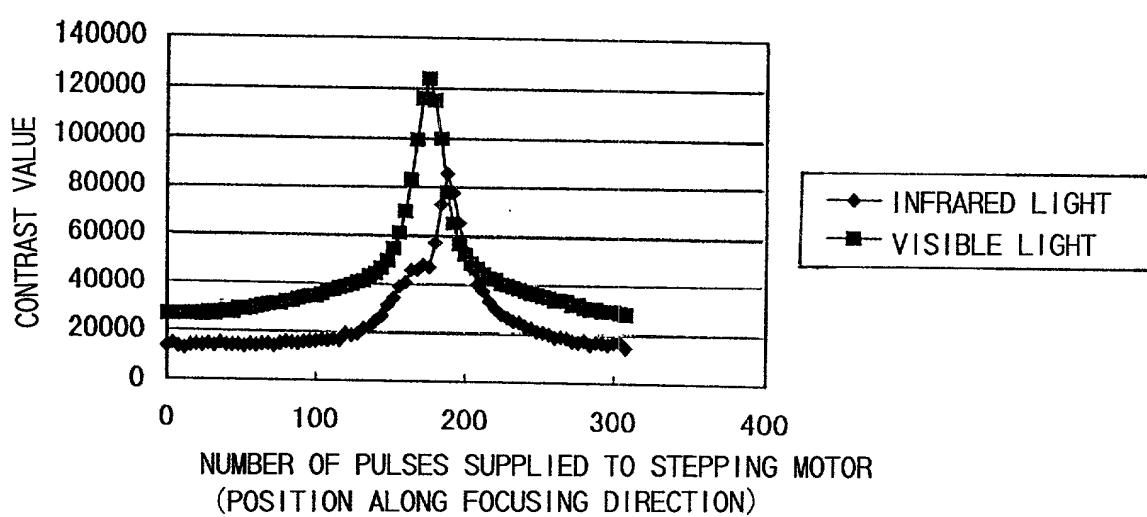


FIG. 11

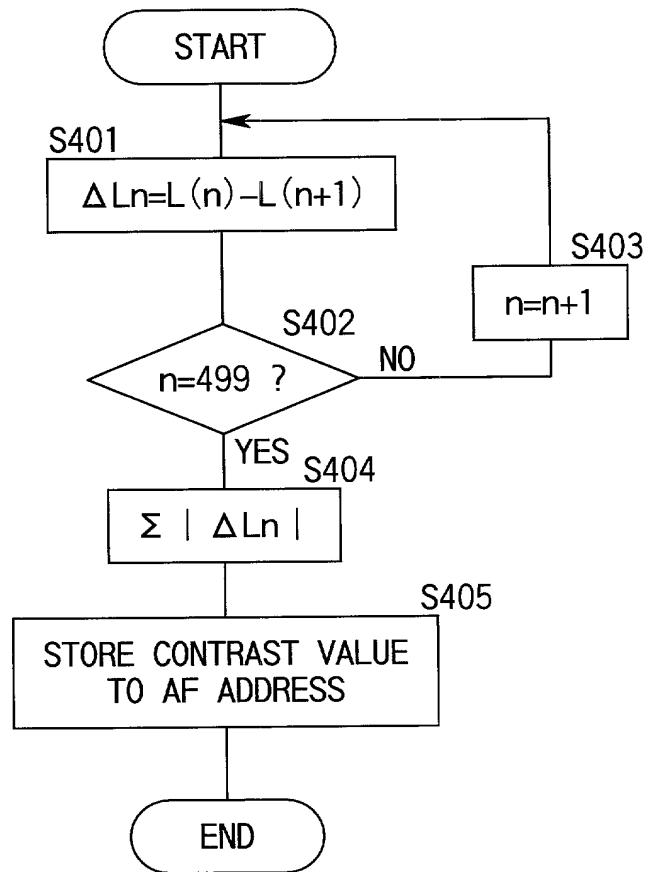


FIG. 12A

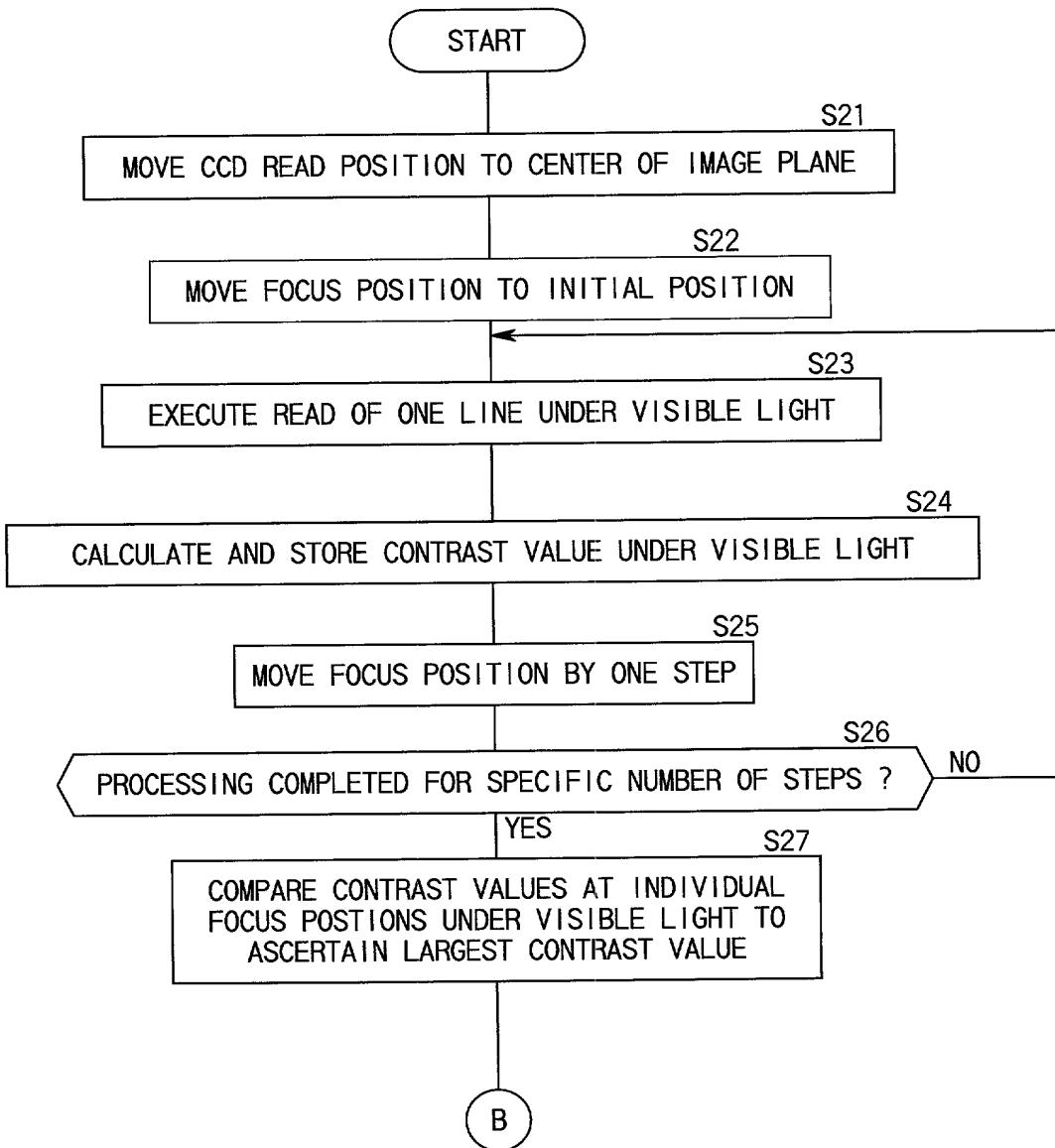


FIG. 12B

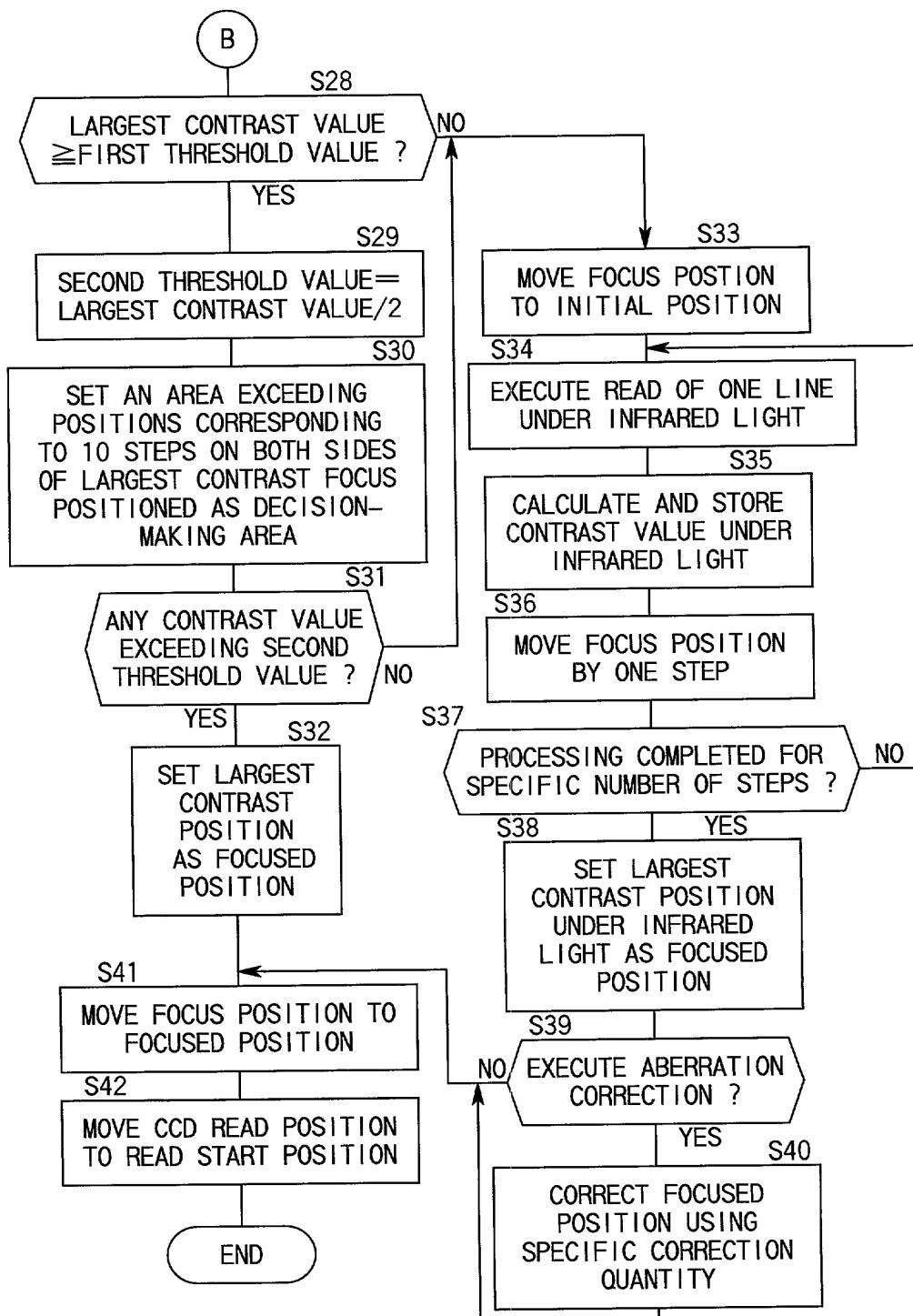


FIG. 13

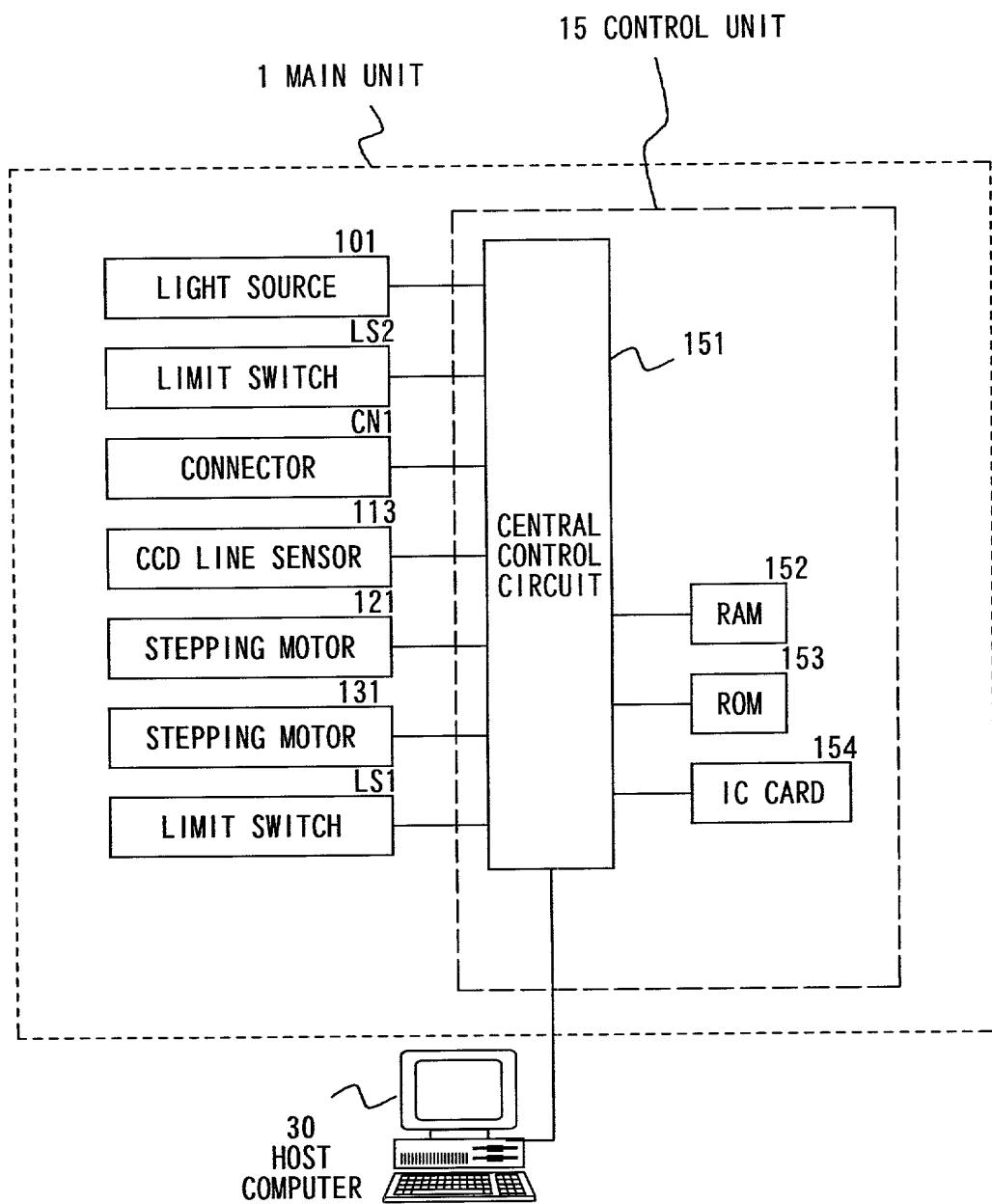


FIG. 14

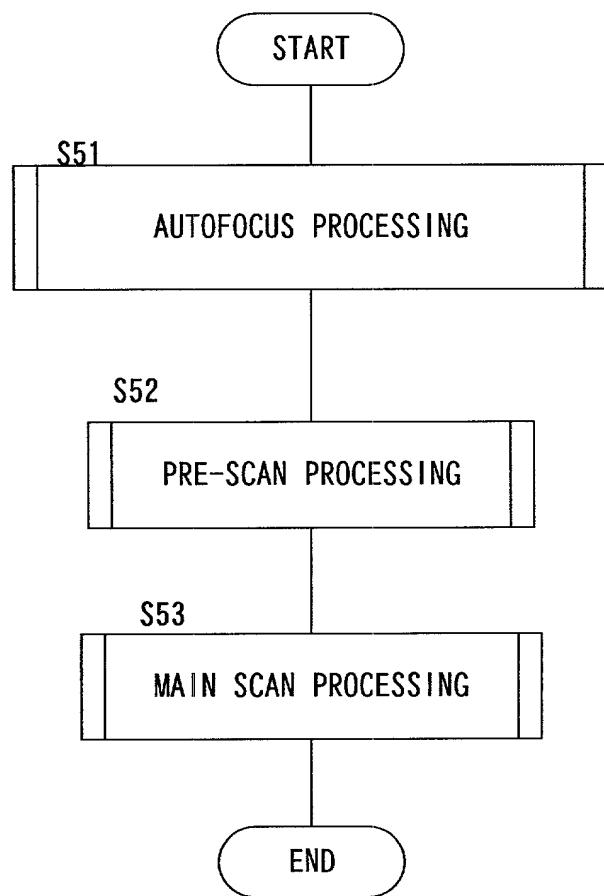
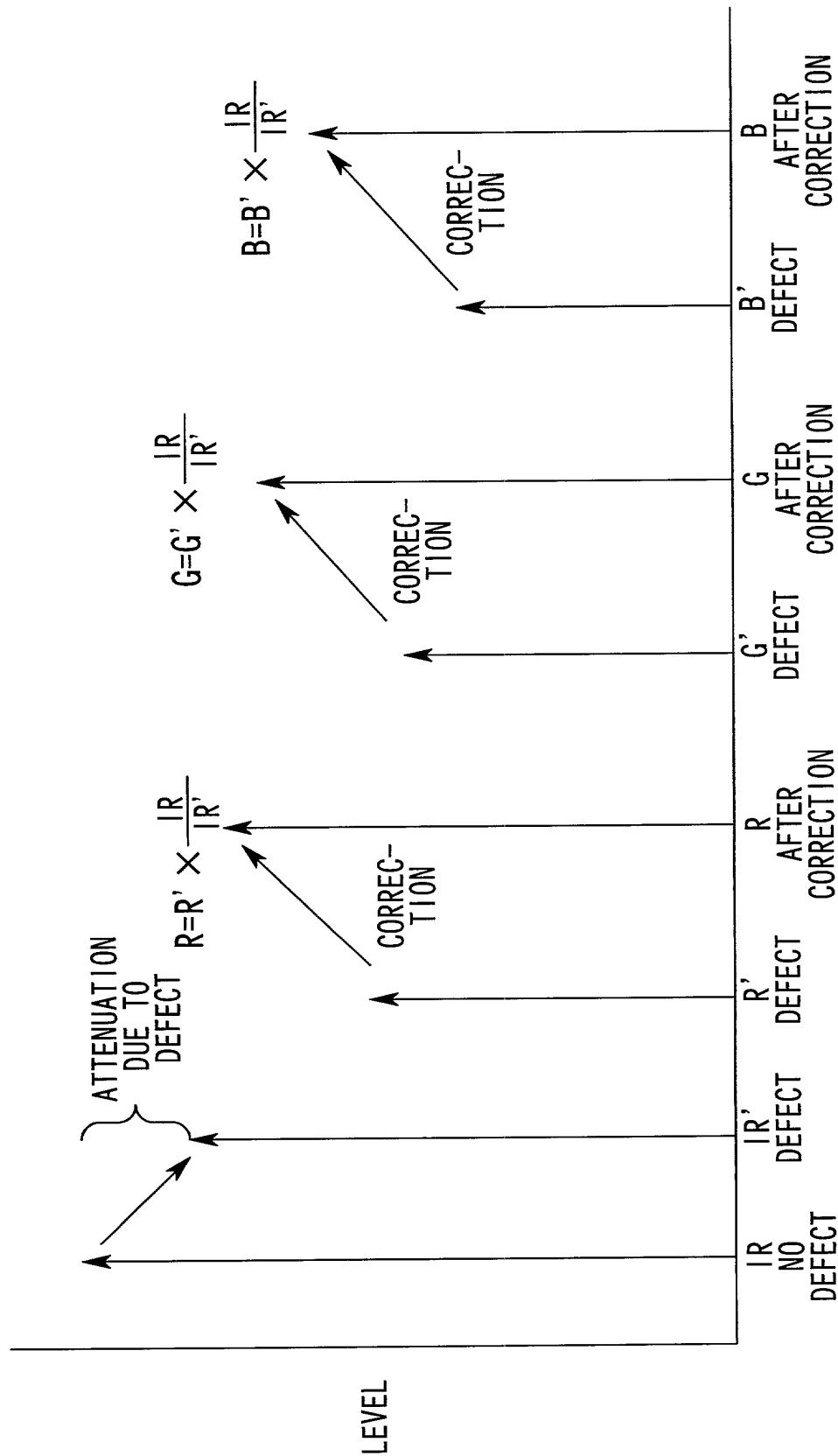


FIG. 15



IR—INFRARED LIGHT, R—RED COLOR LIGHT, G—GREEN COLOR LIGHT, B—BLUE COLOR LIGHT

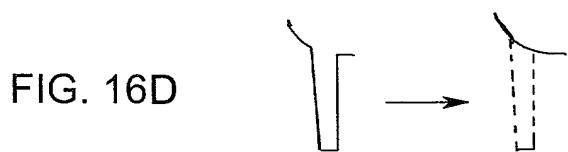
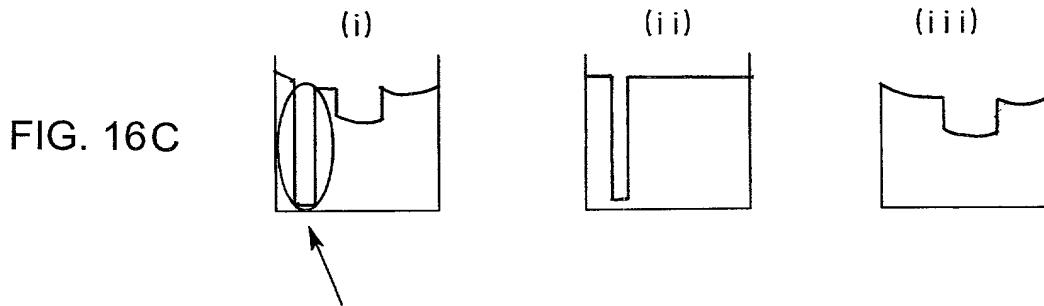
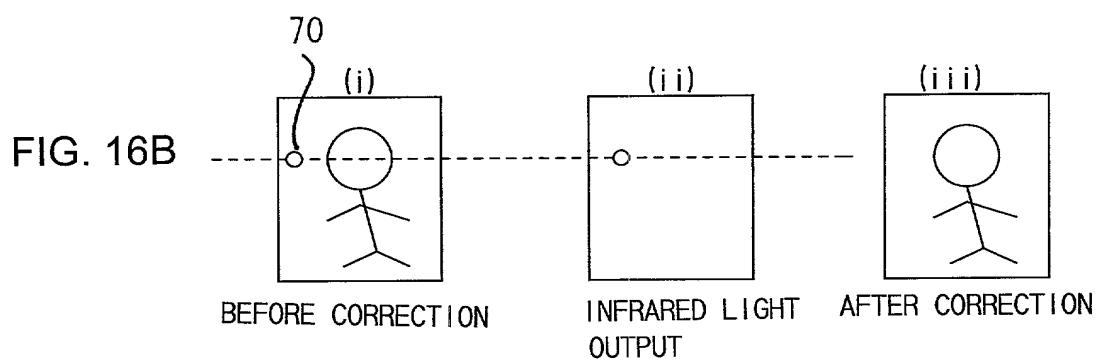
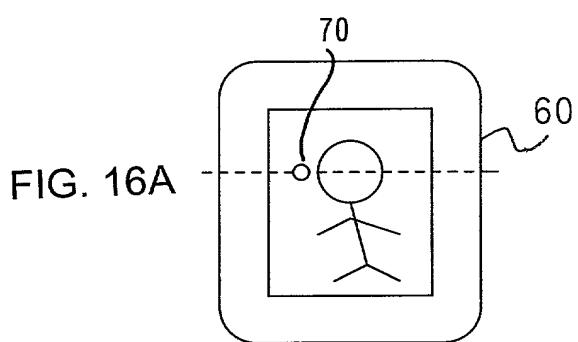


FIG. 17

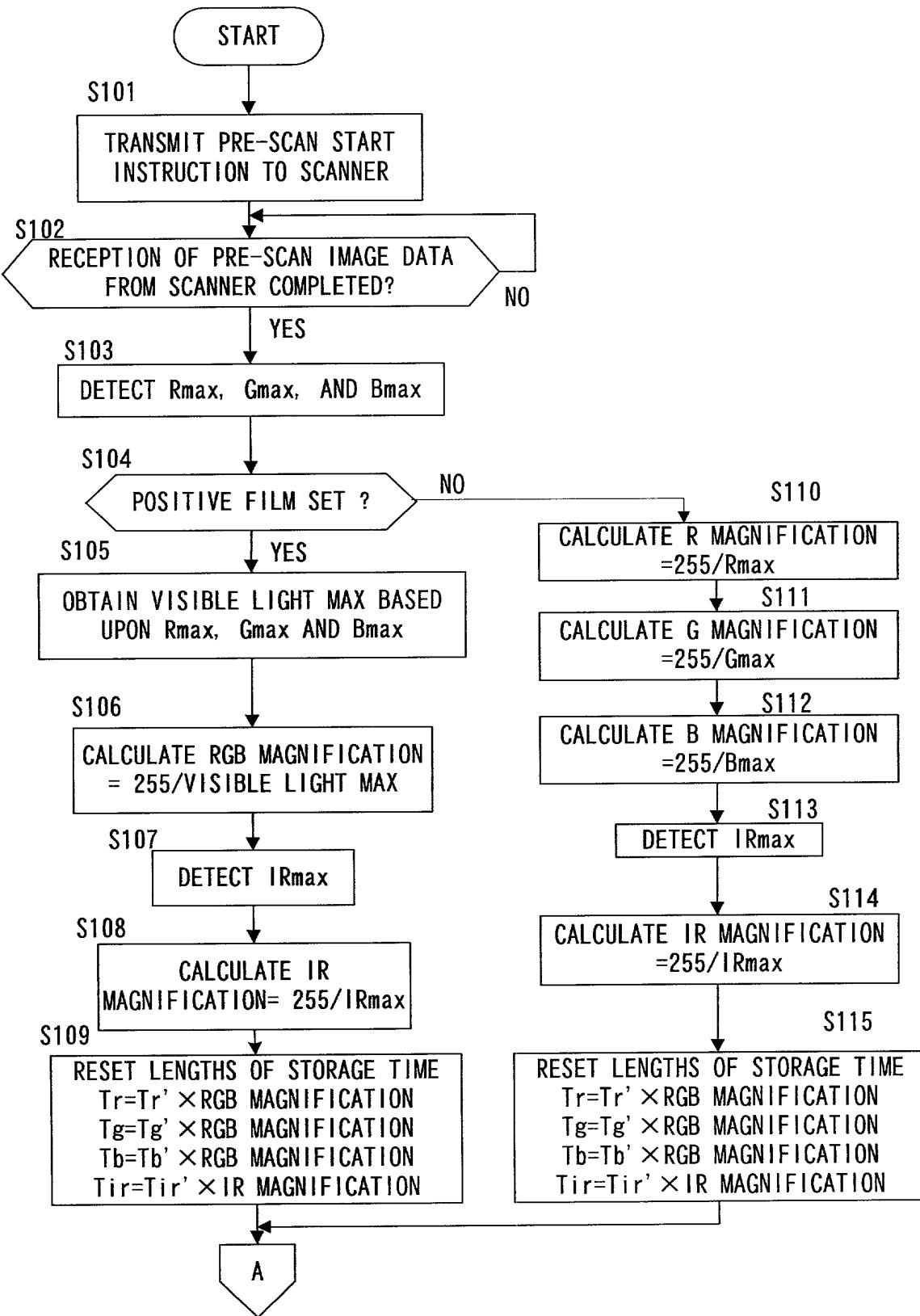


FIG.18

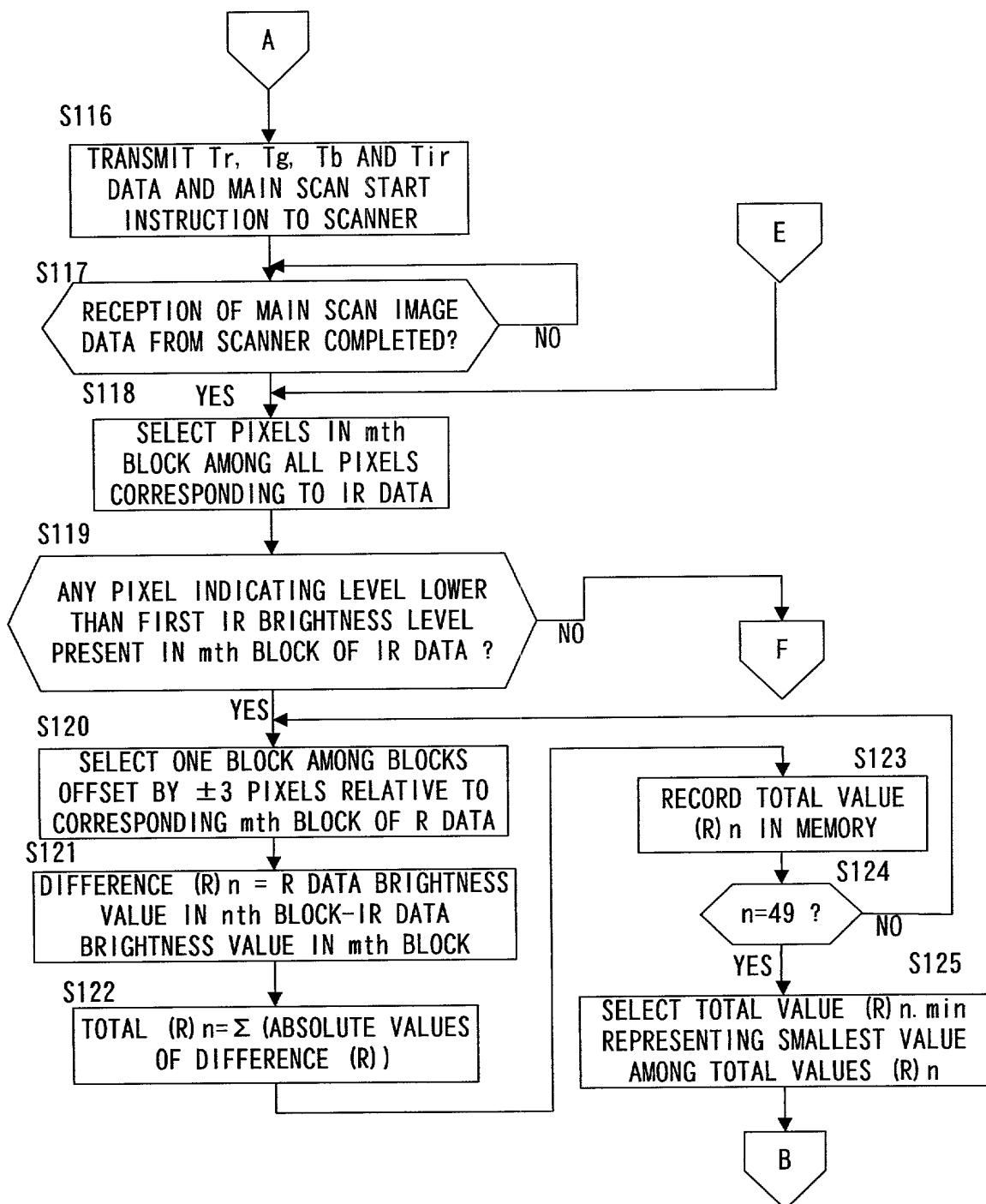


FIG. 19

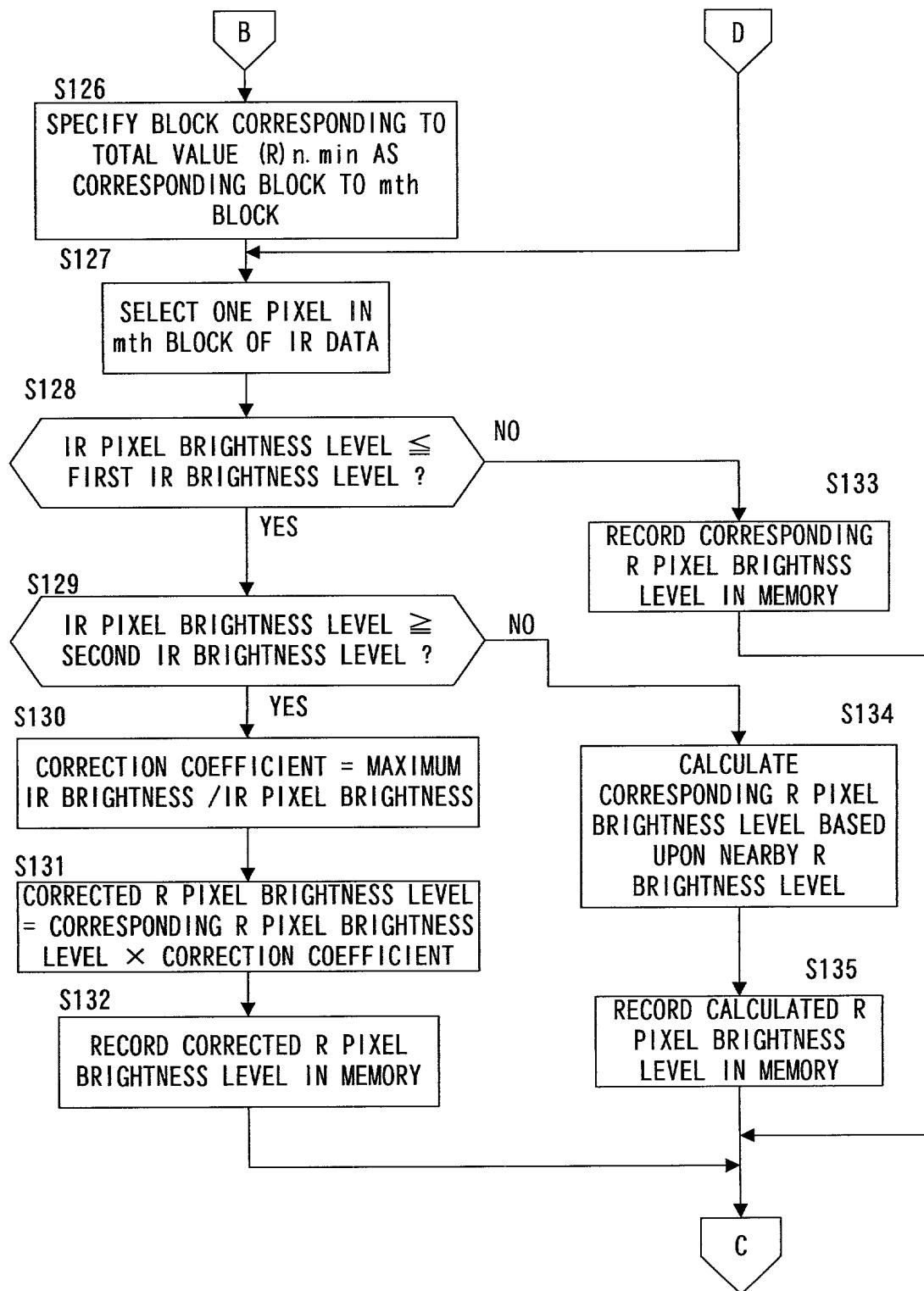


FIG.20

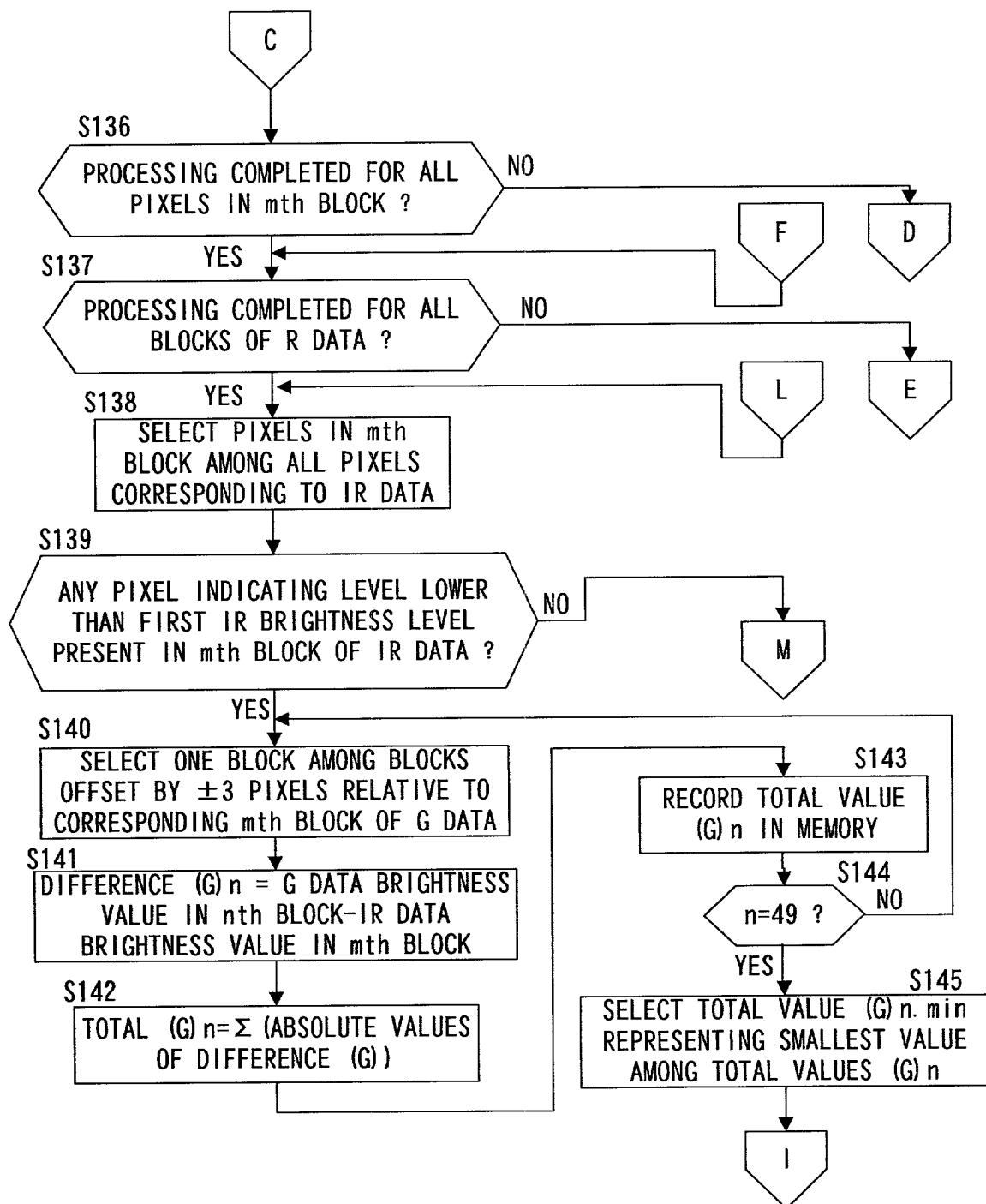


FIG. 21

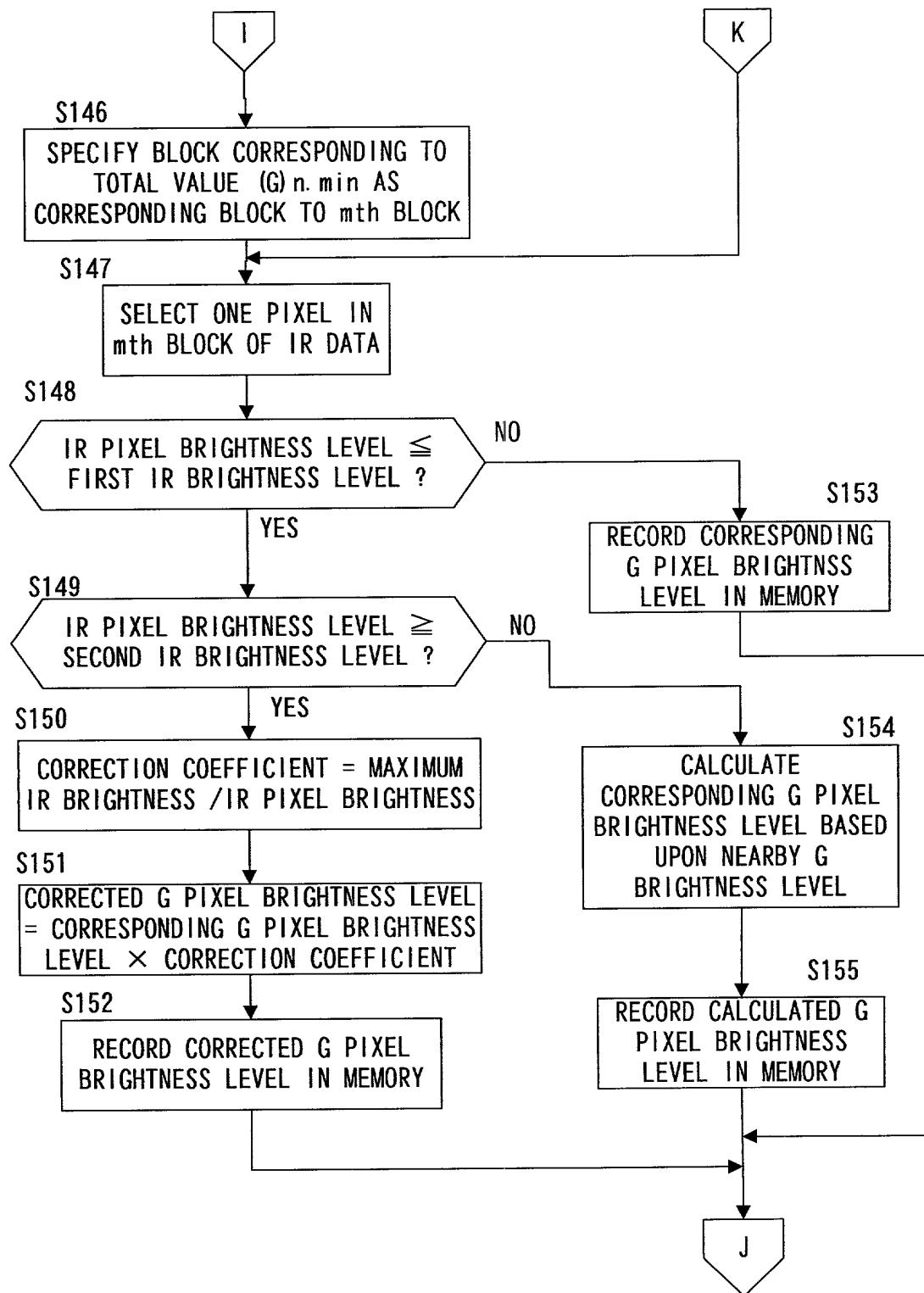


FIG.22

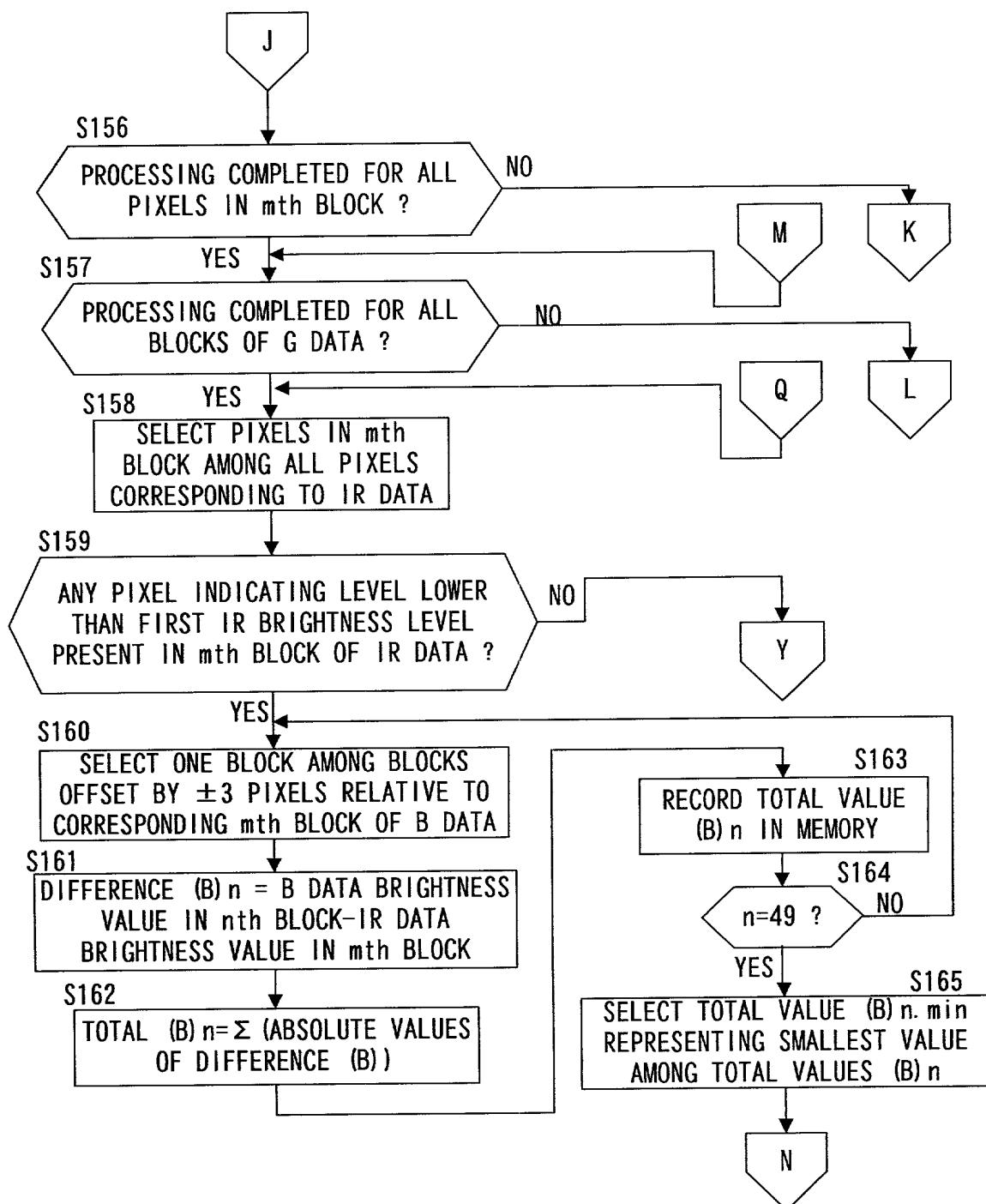


FIG. 23

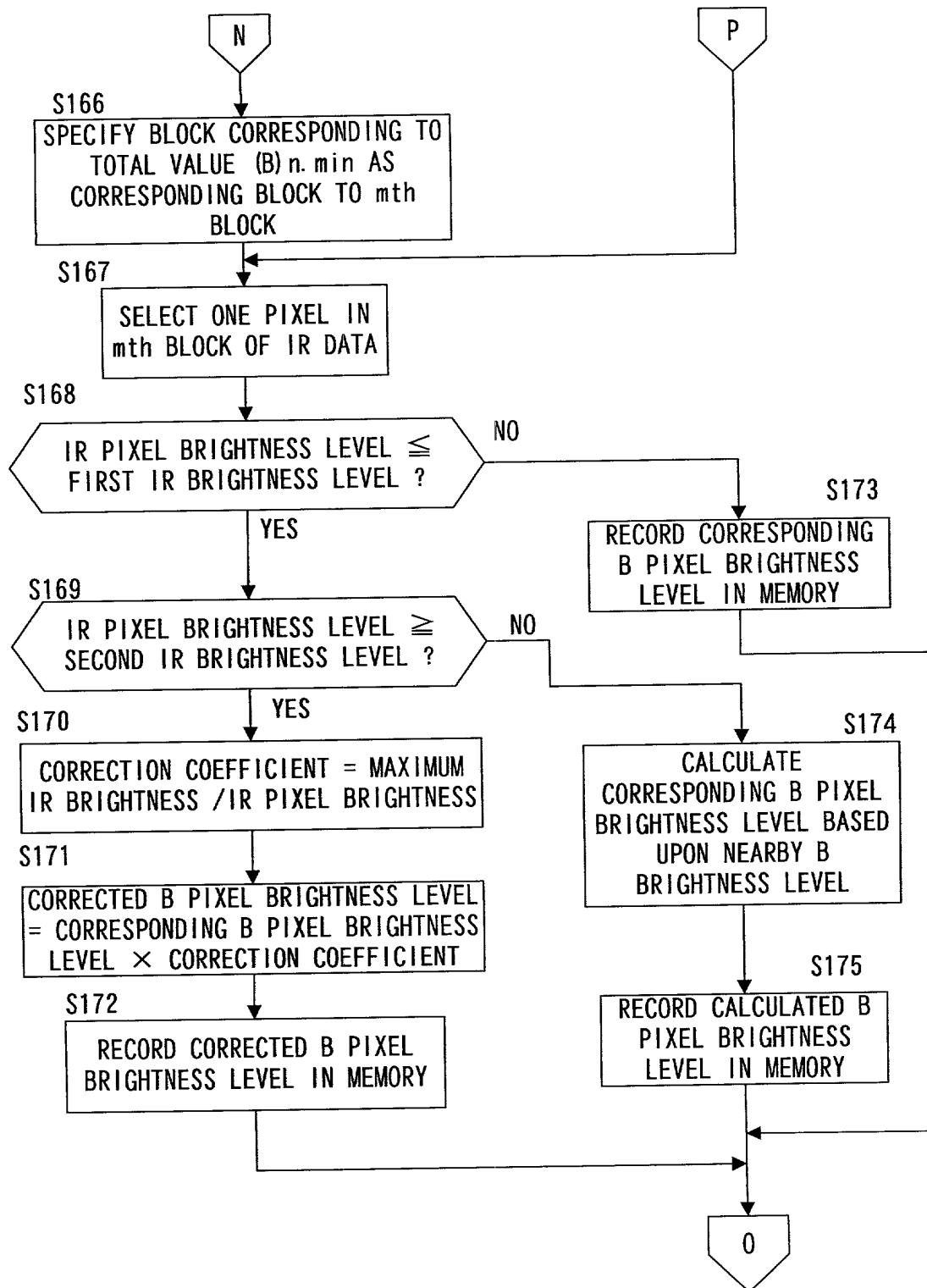


FIG.24

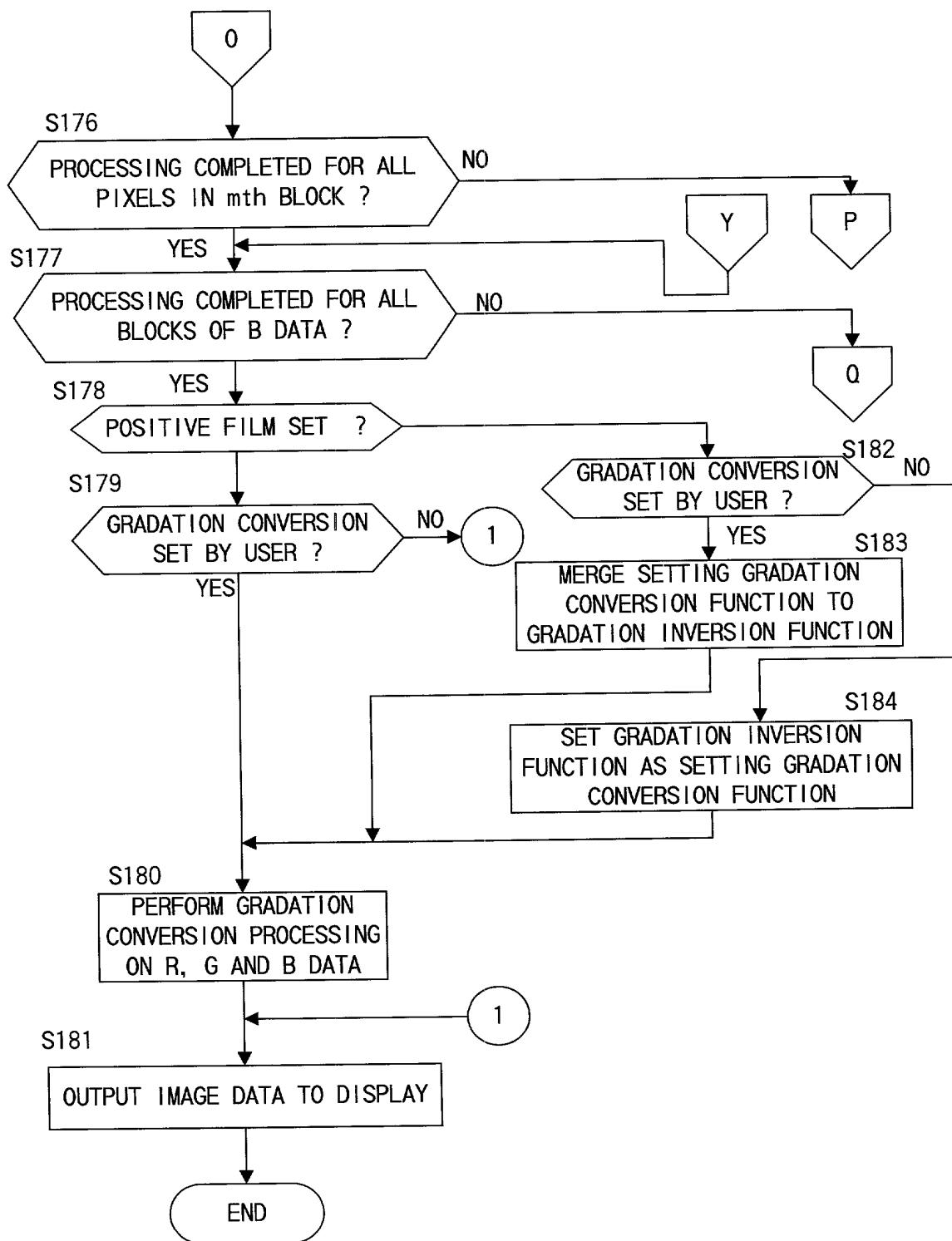


FIG. 25A

IR LEVEL (DEFECT PRESENT)

255	255	120
120	50	120
255	255	255

FIG. 25B

VISIBLE LEVEL (DEFECT PRESENT)

200	200	200	200	200	200
200	200	200	200	200	200
200	200	200	94	200	200
200	94	20	47	100	100
200	200	100	100	100	100
200	200	100	100	200	200

FIG. 25C

VISIBLE LEVEL (NO DEFECT)

200	200	200	200	200	200
200	200	200	200	200	200
200	200	200	200	200	200
200	200	100	100	100	100
200	200	100	100	100	100
200	200	100	100	200	200

FIG. 26A1

200	200	200	200	200	200	ABSOLUTE VALUE TOTAL
-55	-55	80	200	200	200	190
80	150	80	94	200	200	310
-55	161	235	17	100	100	451
200	200	100	100	100	100	TOTAL 951
200	200	100	100	200	200	

FIG. 26A2

200	200	200	200	200	200	ABSOLUTE VALUE TOTAL
200	-55	-55	80	200	200	190
200	80	150	-26	200	200	256
200	161	235	208	100	100	604
200	200	100	100	100	100	TOTAL 1050
200	200	100	100	200	200	

FIG. 26A3

200	200	200	200	200	200	ABSOLUTE VALUE TOTAL
200	200	-55	-55	80	200	190
200	200	80	44	80	200	204
200	94	235	208	-55	100	598
200	200	100	100	100	100	TOTAL 992
200	200	100	100	200	200	

FIG. 27B1

200	200	200	200	200	200
200	200	200	200	200	200
-55	-55	80	200	200	200
80	44	-100	47	100	100
-55	-55	-155	100	100	100
200	200	100	100	200	200

ABSOLUTE VALUE TOTAL

190

224

265

TOTAL 679

FIG. 27B2

200	200	200	200	200	200
200	200	200	200	200	200
200	-55	-55	-26	200	200
200	-26	-30	-73	100	100
200	-55	-155	-155	100	100
200	200	100	100	200	200

ABSOLUTE VALUE TOTAL

136

129

365

TOTAL 630

FIG. 27B3

200	200	200	200	200	200
200	200	200	200	200	200
200	200	-55	-151	80	200
200	94	-100	3	-20	100
200	200	-155	-155	-155	100
200	200	100	100	200	200

ABSOLUTE VALUE TOTAL

296

123

465

TOTAL 884

FIG. 28C1

200	200	200	200	200	200	
200	200	200	200	200	200	ABSOLUTE VALUE TOTAL
200	200	200	94	200	200	316
-55	-161	-100	47	100	100	250
80	150	-20	100	100	100	265
-55	-55	-155	100	200	200	TOTAL 831

FIG. 28C2

200	200	200	200	200	200	
200	200	200	200	200	200	ABSOLUTE VALUE TOTAL
200	200	200	94	200	200	469
200	-161	-235	73	100	100	150
200	80	50	-20	100	100	365
200	-55	-155	-155	200	200	TOTAL 984

FIG. 28C3

200	200	200	200	200	200	
200	200	200	200	200	200	ABSOLUTE VALUE TOTAL
200	200	200	94	200	200	463
200	94	-235	-208	-20	100	90
200	200	-20	50	-20	100	365
200	200	-155	-155	-55	200	TOTAL 918

FIG. 29

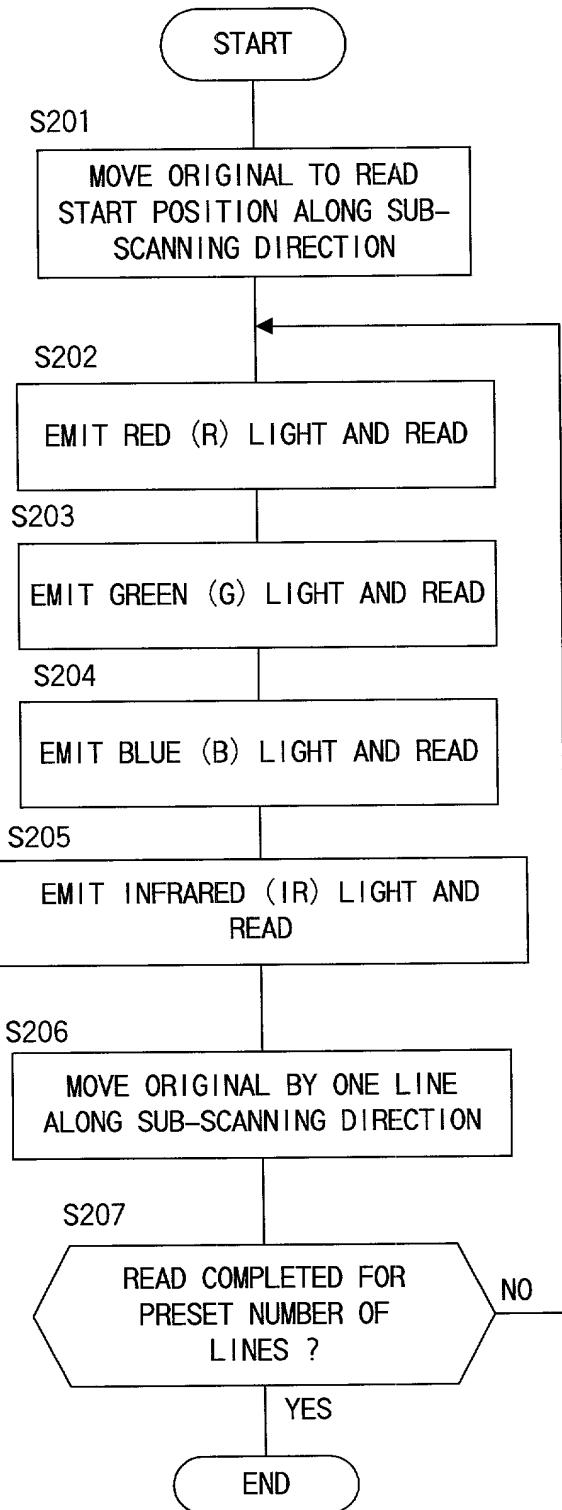


FIG. 30

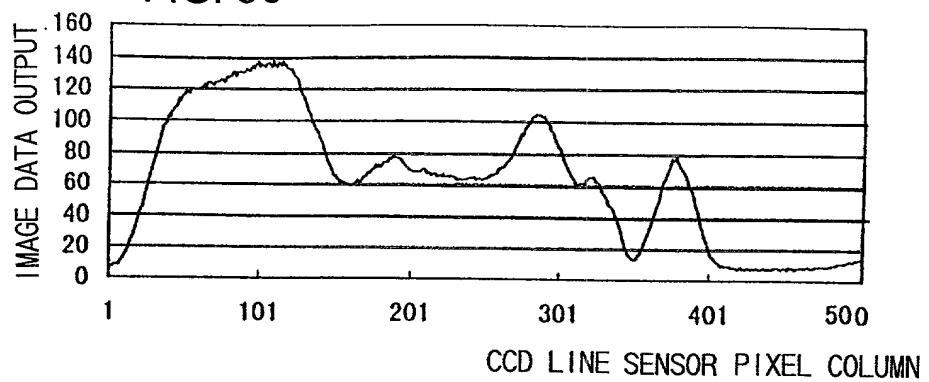


FIG. 31

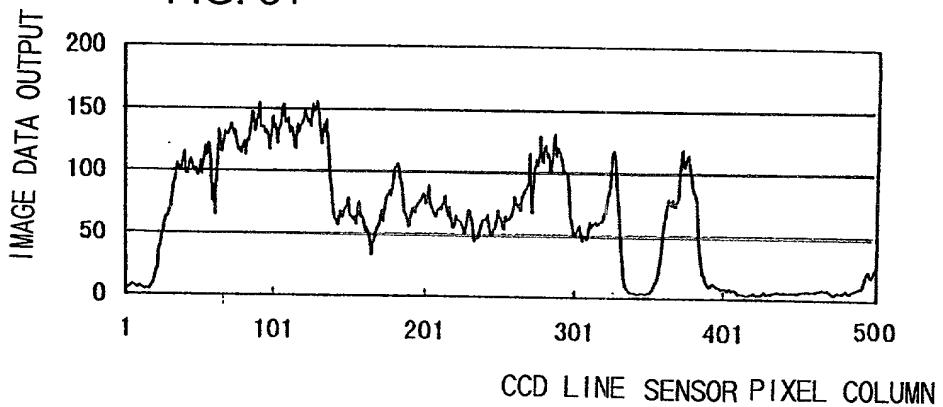


FIG. 32

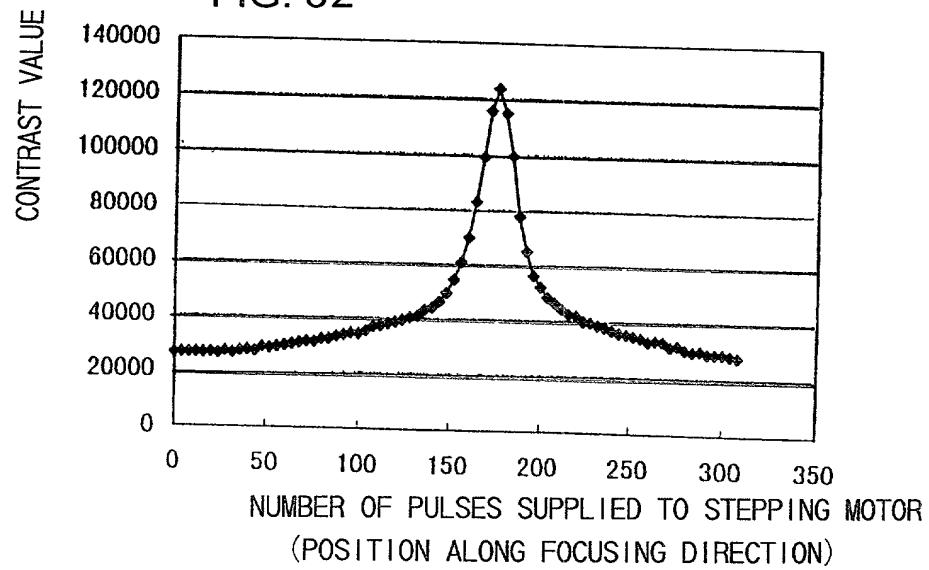


FIG. 33

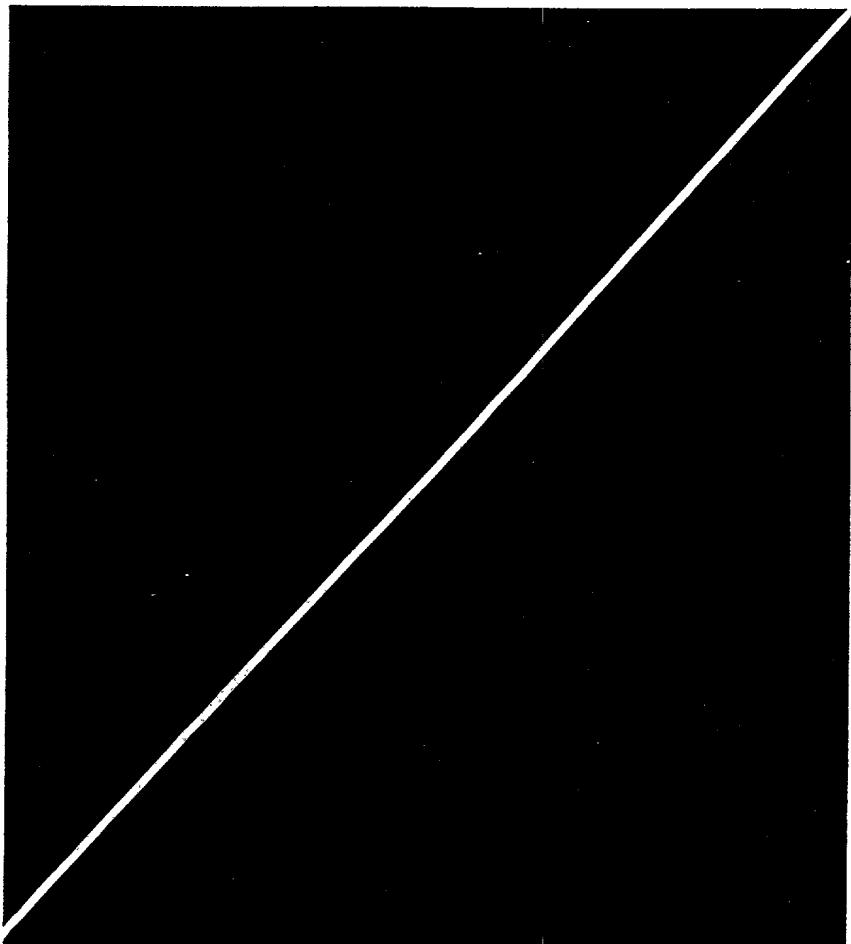


FIG. 34

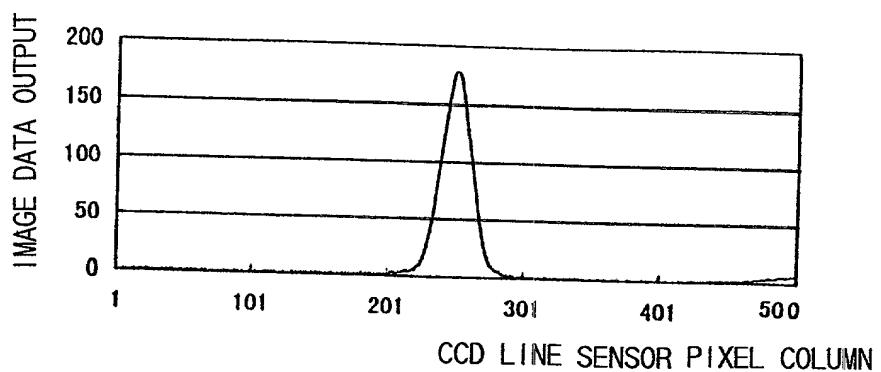


FIG. 35

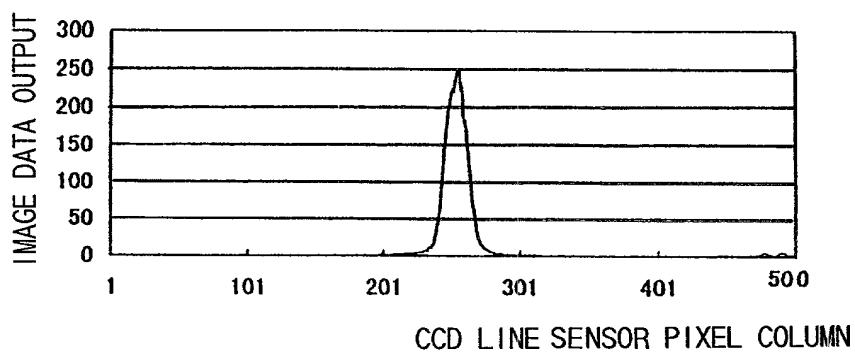


FIG. 36

